

## Application Package

### Job Posting

#### Company Overview

At Motorola Solutions, we create technologies our customers refer to as their lifeline. Our technology platforms in communications, software, video and services help our customers work safely and more efficiently. Whether it's helping firefighters see through smoke, enabling police officers to see around street corners, or reliably keeping the lights on in homes and businesses around the world, our work supports those who put their lives on the line to keep us safe. Bring your passion, potential and talents to Motorola Solutions, and help us usher in a new era in public safety and security.

#### Department Overview

At Motorola Solutions we are helping solve some of the biggest challenges around safety and physical security by developing advanced artificial intelligence (AI) technologies and products that are used to help keep people, businesses, and cities around the world safer. Avigilon, a Motorola Solutions company, designs, develops, and manufactures advanced AI, video analytics, network video management software and hardware, surveillance cameras, and access control solutions that help change the way people interact with their security systems.

#### Job Description

We're looking for a software developer to work with both our Localization and Software Development teams to work on all aspects of software localization for our video solutions software products. The developer will support the Localization Technical Project Manager by identifying and troubleshooting localization and internationalization defects, creating and maintaining automation scripts, and performing post-translation engineering tasks.

#### Responsibilities Include:

Using your strong coding ability and knowledge of object oriented design patterns to solve challenging problems involving internationalization and localization defects

Participate in UI string review meetings to ensure new, and legacy, UI strings are consistent and localizable

Execution of localization testing, including test plan creation, creating and maintaining automation scripts, and interfacing the Localization agency

Investigate and troubleshoot issues found in Localization tools

Identify areas to enhance automation and efficiencies within the Localization processes

Create and maintain scripts for various automation tasks

Work directly with engineering and functional QA teams to keep up to date with frameworks, environments and other tools for adapting to Localization processes

Mentor and onboard new co-op students

#### Qualifications:

A degree in Computer Engineering, Computer Science, or a related technical discipline.

General understanding of Software Internationalization and Localization Principles.  
Strong software design, development and programming skills.  
Knowledge of Ruby on Rails, HTML/CSS/Javascript, C and C++ design and programming ability.  
Continuous Integration and Continuous Delivery.  
Experience with Agile Scrum.  
Some knowledge of physical access control systems and/or hardware experience an asset.  
Excellent verbal and written communications skills.  
Must have excellent attention to detail.  
Must have a love of languages and other cultures.

Knowledge of a foreign language is preferred but not required. Specifically one or more of the following:  
Arabic, German, Spanish, Italian, French.

NOTE: Translation tasks are not required, but candidate should be able to differentiate various languages, and feel comfortable navigating software in multiple languages.

#### Basic Requirements

University degree OR 3+ years of software development experience

#### Travel Requirements

None

#### Relocation Provided

None

#### Position Type

New Grad

#### Referral Payment Plan

Yes

#### EEO Statement

Motorola Solutions is an Equal Opportunity Employer. We welcome and encourage diversity in our workforce. Motorola Solutions will provide reasonable accommodation to applicants with disabilities upon request.

#### Source:

“Localization Developer.” *Acuspire*, 4 Aug. 2020, <https://acuspire.ai/jobs/Localization-Developer-8d65fc148fd348da>

123 Fake Street,  
Vancouver, BC, V1V 1V1

August 12, 2020

Avigilon (Motorola Solutions),  
555 Robson St.,  
Vancouver, BC, V6B 2B7

Dear Mx. Wilson,

Please consider my application for localization software developer at Motorola Solutions as advertised on August 4, 2020. I will graduate with a Bachelor of Computer Science in December 2020 and have a single class remaining in the fall. Luz Pineda, localization project manager at Avigilon, recommended I apply for the position because of my previous work with the Avigilon localization team.

As you can see from my enclosed résumé, I completed an eight-month internship as a localization developer. The time spent at Avigilon helped me familiarize myself with standard localization processes as well as the company-specific product lines. In that time, I was able to develop automated tests, troubleshoot bugs, and work with the localization team to release quality localized products. These technical skills speak to both my qualifications and developmental interests in the localization software development sector.

My present passion project is a visual novel that I am developing in Unity. Recently, two classmates and I coded and deployed a React App game titled *RockPaperScramble* wherein a player's circular sprite can grow or die depending on what kind of collision it undergoes. We also implemented an all-time leaderboard component. Primarily, I am captivated by the puzzles and problem-solving that constitute software development. I have rapidly been gaining familiarity in implementation of code, testing, debugging, and am looking forward to continuous learning in each of these aspects. I am specifically interested in how I could apply this knowledge to the current projects in development at Avigilon and am eager to learn more about software internationalization and localization principles.

As a candidate, my personal strengths are tailored to working with the Avigilon team. I consider collaboration to be a staple of education, work and leisure. In a group, I offer creative thinking, a disciplined work ethic and organizational flair. My work as an educator, salesperson, and manager has taught me to be attentive to the needs of team members and value diversity and accessibility. The team-oriented values of Avigilon mirror the mutual respect and cooperative partnerships I like to engage in every day.

Finally, I would relish the opportunity to work for a company with that promotes a dynamic team environment. I am confident I can exceed in the co-op position in view of my programming skills, personal attributes and ambition to become a better programmer. If my background satisfies your needs, you can reach me at (555) 555-5555 or reach me at [genevieve.bridge.bolduc@gmail.com](mailto:genevieve.bridge.bolduc@gmail.com). Thank you for your time and consideration.

Sincerely,  
[Signature]  
Geneviève Bolduc

**GENEVIÈVE BOLDUC**  
Year 4, Computer Science Major  
[genevieve.bridge.bolduc@gmail.com](mailto:genevieve.bridge.bolduc@gmail.com)  
778-877-0145

**TECHNICAL SUMMARY**

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- ❖ Programming Languages: Java, C++, C#, TypeScript, JavaScript
- ❖ Programming Environments: IntelliJ IDEA, Nodejs, Sublime, Dr.Racket
- ❖ Libraries: React, Redux
- ❖ Frameworks: Git
- ❖ Game Engines: Unity
- ❖ Databases: SQL, NoSQL, MongoDB

**WORK EXPERIENCE**

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- ❖ Avigilon, Localization Developer Co-op, 2019
  - Developed and worked within automated testing suites to navigate and screenshot multiple Avigilon software products.
  - Submitted localization error fixes across a range of Avigilon products.
  - Collaborated with third-party localization services to troubleshoot and ensure effective localization.
  - Developed training manual for future co-op students.
  - Executed a comparative study of prospective translation management services.
- ❖ *Cool King Refrigeration*, Sales Account Manager, 2015-2017
  - Developed and achieved annual targets for frozen dessert equipment sales.
  - Oversaw accounts and developed working relationships with customers ranging from international chains as well as small local businesses.
  - Managed our territory for Western Canada and Quebec.
  - Trained customers to use our equipment safely and effectively.
  - Oversaw trade shows and conducted seminars on frozen desserts.
- ❖ *Liquor Depot*, Assistant Manager, 2014-2015 & 2010-2012
  - Managed a team of sales associates in two private liquor stores.
  - Ensured successful rollout of company programs.
  - Provided customers with personalized recommendations and convivial customer service.
  - Maintained a clean, safe and welcoming store for the staff and for the public.
- ❖ *Drexoll Games*, Seasonal Sales Associate, Winter 2014-15, 2017.
  - Sold a wide-range of board games.
  - Provided customers with personalized recommendations and convivial customer service
- ❖ *University of Oregon*, Graduate Teaching Fellow, 2013-2014
  - Assisted Professors in the following Courses: Gateway to Media, Introduction to Women's Studies, Gender and Diversity in the Media.
  - Conducted technical labs teaching Photoshop and Final cut in Gateway to Media.
  - Conducted discussion labs in Gender and Diversity in the Media.
  - Led lectures on fandom and feminism in Gender and Diversity in the Media.
  - Graded student projects, essays and exams.

**LANGUAGES**

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|--------------------|----------------------------------|
| ❖ English (Fluent) | ❖ French (Fluent)                |
| ❖ Spanish (Basic)  | ❖ American Sign Language (Basic) |

## TECHNICAL PROJECTS

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- ❖ *Non-Binary Visual Novel* – Unity Game (Personal)
  - For personal development, I am building a text-based fiction game loosely inspired by the Indie game *Coming Out Simulator* by Nicki Case. This semi-autobiographical game is principally constructed with the Unity Game Engine and C# code. The premise is meant to give the player a sense of the challenges people with non-binary gender identities encounter.
- ❖ *RockPaperScramble* – React Web App (Academic)
  - In this ongoing project, I am building a game similar to Slither.io and Agar.io. Using React, Redux, and Nodejs, I am building an open arena, multiplayer, circle-eats-circle game based on the mechanics of rock paper scissors. CSS styling elements and JavaScript were used in this project.
- ❖ *Buses'R'Us* – Android Application (Academic)
  - For this project, I completed an application that maps the location of stops, buses and bus routes on the Greater Vancouver Transit system (Translink) and retrieves real time arrival information at those stops. It also plots the user's location on the map and highlights the nearest bus stop using the Translink OpenAPI.
- ❖ *Urban Flow* – Java Swing Application (Personal)
  - In the context of the Girls in Tech *Hack for Humanity* hackathon, we built an application centered on facilitating the donations of menstrual cups to shelters on the downtown East side. I came up with the initial concept, developed the code for a shelter class, helped with the front-end of the program and presented the finalized project to the judges. We earned the popular vote prize.
- ❖ *Tamagotchi* – Racket Game (Academic)
  - Based on the popularized 90's *Tamagotchi* toy, I built a program that features a creature with a hunger counter that increases with the passing of time. The user can move the creature around and feed the creature. If the user lets too much time pass, the creature will starve and the program will end.

## EDUCATION

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- ❖ Bachelor of Computer Science, *University of British Columbia*, Currently Year 4.
- ❖ Certificate of Completion: Small Business, *Vancouver Community College*, 2016.
- ❖ Master of Arts Program: Media and Communication, *University of Oregon*, 2013-2014. Finished one year of the two-year program.
- ❖ Bachelor of Fine Arts: Theatre Production and Film Studies, *University of British Columbia*, 2008-2013.

## VOLUNTEERING

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- ❖ *West Coast Geeks vs Nerds*, 2017-2019
  - Production Manager of local comedy show
- ❖ *Terminal City Roller Girls*
  - Head of Live Events, 2016-2017
  - Interleague Relations, 2014-2016
- ❖ *Vancouver Junior Roller Derby*, 2016-2017
  - Roller Derby Coach

## INTERESTS

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- ❖ Comedy Performance
  - Former performer on *West Coast Geeks vs Nerds*
- ❖ Board Games

123 Fake Street,  
Vancouver, BC, V1V 1V1

August 12, 2020

Avigilon (Motorola Solutions),  
555 Robson St.,  
Vancouver, BC, V6B 2B7

Dear Luz,

I hope that you are having a nice summer. I am writing to ask for you to provide a reference on my behalf. I followed your advice and am in the process of applying to Avigilon to become a localization developer. A good word from you would increase the likelihood of my employment.

During my time at Avigilon working under your supervision, I learned how to develop automated localization testing and work within the Avigilon's line of software products. I would like to hone these skills to build a successful career at Avigilon.

Thank you for your consideration. If you have any questions, please do not hesitate to contact me directly by phone at (555) 555-5555 or by email at [Genevieve.bridge.bolduc@gmail.com](mailto:Genevieve.bridge.bolduc@gmail.com).

Sincerely,

[SIGNATURE]  
Geneviève Bolduc

123 Fake Street,  
Vancouver, BC, V1V 1V1

August 12, 2020

Cool King Refrigeration,  
680 Evans Ave.,  
Vancouver, BC, V6A 2K9

Dear Joseph,

I hope that you are having a nice summer. I am writing to ask for you to provide a reference on my behalf. I am currently seeking employment as a software developer and you have been my most recent long-term employment. A good word from you would increase the likelihood of my employment.

During my time at Cool King working under your supervision, I learned how to effectively understand the process of product sales and team management. I believe the cooperative and leadership skills I utilized during my employment at Cool King will be a great asset in my prospective positions.

Thank you for your consideration. If you have any questions, please do not hesitate to contact me directly by phone at (555) 555-5555 or by email at [Genevieve.bridge.bolduc@gmail.com](mailto:Genevieve.bridge.bolduc@gmail.com).

Sincerely,

[SIGNATURE]  
Geneviève Bolduc

123 Fake Street,  
Vancouver, BC, V1V 1V1

August 12, 2020

Vancouver Campus  
ICICS/CS Building 201-2366 Main Mall  
Vancouver, BC Canada V6T 1Z4

Dear Professor Harvey,

I hope that you are having a nice summer. I am writing to ask for you to provide a reference on my behalf. I am currently seeking employment as a software developer. As the professor in an algorithms class, a good word from you would increase the likelihood of my employment.

During my time in your classroom, you taught me how to build effective algorithms to solve a wide range of problems. I believe the dedication and understanding I displayed in your class will be a great asset in my prospective position.

Thank you for your consideration. If you have any questions, please do not hesitate to contact me directly by phone at (555) 555-5555 or by email at [Genevieve.bridge.bolduc@gmail.com](mailto:Genevieve.bridge.bolduc@gmail.com).

Sincerely,

[SIGNATURE]  
Geneviève Bolduc