Junior Software Developer

Location: Vancouver, BC

Salary: Negotiable depending on experience

Who are we?

Copperleaf is committed to building a better world, one decision at a time. As one of the top 20 Fastest-Growing Software Companies in Canada and winner of the BC Tech 2016 Emerging Company of the Year Award, Copperleaf is a dynamic and disruptive organization offering exciting opportunities for growth and innovation. Our world-class decision analytics software, C55, empowers companies managing critical infrastructure to make faster, smarter, greener and more strategic investment decisions.

How would you spend $1 billion?

Large energy and water providers deal with that question every day. Copperleaf's C55 enterprise software solution is designed to help answer tough questions like: How do you determine the best time to build a new wind farm, overhaul a power transformer or upgrade a dam? What should you invest in first? Which projects are the most critical? Not easy questions, but our systems help our clients successfully find the answers.

What's it like here?

When you step into Copperleaf's offices, you'll find a **culture** that fosters excellence, and a world-class team of innovators that inspire one another to grow, learn, and improve. We cultivate an atmosphere of openness and support where all opinions and ideas are valued and encouraged, and where teamwork is key to success. Our flexible work environment fosters creativity, quality and balance.

The opportunity:

We are looking for a talented junior **software developer** who enjoys solving complex problems and creating world-class software. You are a technically creative person who welcomes a challenge and is able to overcome tough obstacles on your own and through teamwork. Ideally, you are interested in working on any part of the system and have exposure to all 3 levels (UI, business layer, database). You understand the

software development lifecycle and can brainstorm new ideas, implement features, test functionality, and fix bugs.

You'll be joining a team of bright, passionate and supportive individuals who are proud of the solutions they build. We strive to provide our customers with exceptional value and extraordinary experiences.

Key responsibilities

- **Product Development**: contribute to the design, implementation, test & support of Copperleaf software solutions while using your technical abilities to develop robust software and improve the end-user experience.

About you:

Background in one or more of the following areas would be valued:

- exposure to developing sophisticated, web-based applications with C#, Microsoft .NET Framework, HTML5, JavaScript and relational databases
- exposure to web technologies and UIs (HTML5, TypeScript, AngularJS, CSS3, JavaScript, Kendo UI, ASP.NET, web services, and Responsive Web Design)
- an aptitude for understanding the design of large systems and the impact of system changes

You are able to:

- be a team player in a dynamic environment
- understand and communicate complex technical issues
- focus on product-centric rather than technology-centric development
- exercise strong technical skills with attention to detail in design, coding and review
- be self-motivated, flexible, pragmatic, proactive and able to handle a variety of tasks
- employ excellent interpersonal skills including teamwork, respect, courtesy & discretion

We're not hung up on how many years of experience you may have with a particular language or technology. However we like to see skill, passion and creativity in the work you've accomplished.

Visit www.copperleaf.com to learn more about our people and company. Please email your CV/resume and a cover letter to hr13@copperleaf.com.

WORKS CITED

"Junior Software Developer." Job opportunity. Copperleaf. n.p., n.d. Web. 27 Mar. 2017.
    <http://www.copperleaf.com/careers/junior-software-developer/>.

Angela Chen
2205 Lower Mall
Vancouver, BC, V6T 1Z4

March 27, 2017

Copperleaf Technologies Inc.
2920 Virtual Way, Suite 140
Vancouver, BC, V5M 0C4

Re: Junior Software Developer

Dear Hiring Manager:

Please consider my application for a Junior Software Developer position in your company as advertised on your website. I will graduate from the University of British Columbia (UBC) this May with a Bachelor's degree in Computer Science. I spoke with Lawrence Croft at the Technical Career Fair that occurred on January 26, 2017 at UBC and I was inspired to apply.

As you can see from my enclosed résumé, I have experience in mobile testing and resolving technical issues for others. My first degree in Commerce helped me greatly in understanding the business needs in my previous jobs and pro-actively identifying potential problems that may have occurred.

I am currently programming in C++ for my computer animation course. I have previously programmed in Java, JavaScript, and SQL for other school work and personal projects. In my spare time, I have worked in HTML/CSS and helped teach a crash course on integrating Bootstrap into web design to other students.

Designing, implementing, and testing complex systems has become the focus of my studies. In the first phase, I implemented login persistence for a web app called *VancouverFoodFinder*. It is a school project that plots food trucks on a map and allows users to filter the results and add their favourites to a list. In the second phase, I was responsible for rendering an information window upon clicking on a marker.

I feel I would be a good fit at Copperleaf Technologies Inc. due to my knowledge and experience in business and computer science. Thank you for your time and consideration of my application and I look forward to hearing from you. I can be reached at 778-123-4567 for an interview.

Sincerely,

Angela Chen

Angela Chen

Enclosed: Résumé

ANGELA CHEN

angelachen@myemail.com **|** 778-123-4567 **|** Github: aihchen **|** LinkedIn: angelaichen

OBJECTIVE   Junior software developer

EDUCATION   **University of British Columbia**, Vancouver, BC
2013–2017   Bachelor of Computer Science (with Co-op)
Bridging Module: Commerce

University of British Columbia, Vancouver, BC
2005–2009   Bachelor of Commerce
Specialization: Human Resource Management

EMPLOYMENT   **Eventbase Technology Inc.**, Vancouver, BC
May–Dec 2016   QA Ninja (Co-op)
- Provided quality assurance testing for web apps and mobile apps on iOS, Android, and Windows
- Handled testing for multiple projects at a time

University of British Columbia, Vancouver, BC
Jun–Aug 2015   *edX Technical Liaison (Contract)*
- Ported *Useful Genetics*, a MOOC course, from Coursera to edX with high attention to detail
- Built all questions and quizzes in XML
- Edited and uploaded 50+ lecture videos

University of British Columbia, Vancouver, BC
Sep 2014 –   *Learning Technology Rover (Co-op)*
Apr 2015
- Provided educational technology support to faculty members by gathering information, analyzing the systems, determining the problem, and providing solutions
- Troubleshoot technical issues: ensured that issues are reproducible, documented, and appropriately referred as needed
- Supported and trained faculty members in the use of UBC's learning management system and other tools

Robert Lee YMCA, Vancouver, BC
Oct 2010 –   *Member Experience Representative*
Jan 2014
- Consistently recognized by customers for providing excellent customer service
- Considered as senior staff due to ability to resolve and accurately record complex membership terms and conditions in proprietary database
- Provided support to first-level technical issues

Starbucks Coffee Corporation, Vancouver, BC

Jun 2006 –
Jun 2009
Shift Supervisor, Barista
- Trained new Shift Supervisors within one month of promotion
- Transformed whole bean coffee display which resulted in the exceeding of previous year's sales by 97% for that month
- Received the Partner of the Month Award, May 2007, in recognition for being a team player

VOLUNTEER

Jan 2016 –
Jan 2017
BCS Club
President
- Liaise between faculty, staff, and students
- Organize and facilitate social and technical events

Nov 2011 –
Jul 2013
Canadian Cancer Society, Vancouver, BC
Volunteer Engagement Generalist
- Responsible for volunteer recruitment and selection for all functional areas and campaigns
- Trained new Volunteer Engagement Generalists and Coordinators on how to navigate through 10,000+ volunteer files on the volunteer database
- Successfully pre-screened, interviewed, matched, and placed over 50 volunteers to appropriate positions

SKILLS

Languages   Java, Python, C/C++, HMTL/CSS, JavaScript, JQuery, SQL
Environment   Eclipse, Canopy, Unity

PROJECTS

Jan 2017
Whales Hate Birds https://aihchen.github.io/GGJ2017/
Languages & APIs: JavaScript, Phaser.js, HTML/CSS
Fixed camera, 2D single or multi-player game created during the Global Game Jam 2017 Vancouver. Gathered requirements, implemented bird spawn and animations, and submitted the game.

Mar 2016
Harry Potter and the Flight of Fire https://aihchen.github.io/314hpgame
Languages & APIs: JavaScript, THREE.js, HTML/CSS
Tracking camera, single-player game created as the final project in computer graphics. Responsible for game design and modelling, texturing, particle systems, and some collision detection.

Jan 2014
Vancouver Food Finder https://goo.gl/JkDhJU
Languages & APIs: Java, GoogleMaps, GWT, GAE, Twitter
A web app that plots food trucks on a map with search and filter functionalities. Responsible for login using GAE and rendering info window upon clicking a marker.

REFERENCES   Available upon request

From: Angela Chen (angelachen@myemail.com)
To: Christina Looker (christina@eventbase.com)
Date: March 27, 2017
Subject: Request for Reference – Angela Chen

Dear Christina,

I hope things are going well for you and the QA team. I appreciate the opportunity and experience that Eventbase has provided me. It has greatly improved my analytical skills and my attention to detail. I am now familiar with mobile testing and the various software used to do so. I have also learned much about the lifecycle of an app.

I will be graduating in May and so I will be applying for a full-time position as a software developer. Would you please provide a reference for me? As my previous supervisor, I believe your reference would greatly help me in my job search.

I have attached a copy of my resume and cover letter to this email for your convenience. Please let me know if you are comfortable with providing a reference for me. I am happy to come by the office to discuss this further with you in person if that is what you prefer.

Thank you for your time and consideration of my request and I look forward to hearing from you.

Sincerely,

Angela Chen

Angela Chen
Enclosed: Cover letter and résumé

From: Angela Chen (angelachen@myemail.com)

To: Riccardo Patti (riccardo@eventbase.com)

Date: March 27, 2017

Subject: Request for Reference – Angela Chen

Dear Riccardo,

I hope things are going well for you and the QA team. I appreciate the opportunity and experience that Eventbase has provided me. It has greatly improved my analytical skills and my attention to detail. I am now familiar with mobile testing and the various software used to do so. I have also learned much from our one-on-one check-ins.

I will be graduating in May and so I will be applying for a full-time position as a software developer. Would you please provide a reference for me? As my former Director of QA, I believe your reference would greatly help me in my job search.

I have attached a copy of my resume and cover letter to this email for your convenience. Please let me know if you are comfortable with providing a reference for me. I am happy to come by the office to discuss this further with you in person if that is what you prefer.

Thank you for your time and consideration of my request and I look forward to hearing from you.

Sincerely,

Angela Chen

Angela Chen

Enclosed: Cover letter and résumé

From: Angela Chen (angelachen@myemail.com)

To: Kalev Hunt (kalev@ubc.ca)

Date: March 27, 2017

Subject: Request for Reference – Angela Chen

Dear Kalev,

I hope things are going well for you and the latest round of Learning Tech Rovers. I appreciate the opportunity and experience that UBC has provided me. It has greatly improved my analytical and communication skills. I am now familiar with many of UBC's learning technologies.

I will be graduating in May and so I will be applying for a full-time position as a software developer. Would you please provide a reference for me? As my former supervisor, I believe your reference would greatly help me in my job search.

I have attached a copy of my resume and cover letter to this email for your convenience. Please let me know if you are comfortable with providing a reference for me. I am happy to come by the office to discuss this further with you in person if that is what you prefer.

Thank you for your time and consideration of my request and I look forward to hearing from you.

Sincerely,

Angela Chen

Angela Chen

Enclosed: Cover letter and résumé