

# CODY GAGNON

4TH YEAR COMPUTER  
SCIENCE STUDENT

Driven and professional Software Developer. A former instructor, he loves learning, enjoys solving problems, and views challenges as opportunities to contribute to his team.

## TECHNICAL SKILLS

### LANGUAGES

Java | JavaScript | TypeScript | C | C++ | C#  
Python | PHP | HTML | CSS | SQL

### FRAMEWORKS & TECHNOLOGIES

React | React Native | Redux | Node.js  
Vue | Unity | MySQL | MongoDB  
Material-UI | Semantic UI | WordPress  
Docker | Git | GitHub | Bitbucket | Jira

### TESTING

JUnit | Mockito | Jest | Enzyme | Mocha  
Chai | Cypress

## EDUCATION

**BACHELOR OF COMPUTER SCIENCE (BCS)**  
UNIVERSITY OF BRITISH COLUMBIA | 2021

**HONOURS BACHELOR OF ARTS (HBA)**  
UNIVERSITY OF TORONTO | 2013

## PROJECTS

### EDUCATIONAL MOBILE GAME FOR KIDS

- Worked with five graduate students at the Centre for Digital Media to build a mobile game using C# and Unity.

### VOLUNTEER MANAGEMENT WEB APP

- React app that enables (1) volunteers to sign in for shifts and (2) administrators to view and export volunteer data. Using Azure Active Directory for authentication and Azure Functions to connect to a MS SQL Server database.

## CONTACT

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GITHUB.COM/CODYGAGNON

LINKEDIN.COM/IN/GAGNONCODY

## EXPERIENCE

**FULL-STACK SOFTWARE DEVELOPER** JUN 2020 - PRESENT  
UBC DEPARTMENT OF PSYCHOLOGY

- Develop and maintain the Tapestry Tool, an educational web app, using JavaScript, Vue, PHP, WordPress, and Docker.
- Fix bugs in the front-end and back-end.
- Write tests using Cypress.
- Practice Agile development, participate in Scrum meetings, and manage version control with Git and GitHub.
- Collaborate remotely using Slack and Zoom

**FULL-STACK SOFTWARE DEVELOPER INTERN** SEP 2019 - APR 2020  
CRAVER SOLUTIONS & A.Y. TECHNOLOGIES

- Developed and maintained robust and performant mobile apps and web apps using JavaScript and Java.
- Built React components and wrote Redux actions and reducers to manage client-side state.
- Extended the RESTful API by adding or modifying endpoints.
- Refactored code to reduce complexity and technical debt while improving maintainability and readability.
- Wrote tests using Jest, Enzyme, JUnit, and Mockito.
- Practiced Agile development, participated in Scrum meetings, and managed version control with Git and Bitbucket.

## VOLUNTEER EXPERIENCE

**PROJECT LEAD & SOFTWARE DEVELOPER** SEP 2018 - PRESENT  
CODE THE CHANGE FOUNDATION

- Build websites and web applications for nonprofit organizations.
- Lead a team of five developers, plan sprints, delegate tasks, provide technical help, and offer guidance.
- Communicate with the client regarding project requirements and progress towards goals.

## ADDITIONAL EXPERIENCE

**WRITING CONSULTANT** AUG 2018 - APR 2019  
UBC CENTRE FOR WRITING AND SCHOLARLY COMMUNICATION

- Supported a diverse community of students with many types of writing: academic, technical, and professional.

**PROFESSOR** JAN 2015 - DEC 2016  
CENTENNIAL COLLEGE SCHOOL OF BUSINESS

- Taught business software applications, business communications, and financial mathematics in classrooms of up to 40 students.