

# CHELSEA DINH

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## EDUCATION

### **Bachelor of Science in Computer Science - University of Victoria**

January 2015 - April 2020

## PERSONAL PROJECTS

### **BattleSnake Programming Competition - Victoria, BC**

March 2017 - Present

- \* Team contributor in creating a web-based AI for the arcade game "Snake"
- \* Developed snake AI using Python and JSON format
- \* Assisted with developing strategies and testing graph search algorithms for game optimization

## COURSE PROJECTS

### **Internet of Things (IOT) System - University of Victoria**

November 2018 - December 2018

- \* Team contributor in development of an IOT application that manages hypothetical devices such as a camera, thermostat, and smartplug
- \* Responsible for implementing user interface using the JavaFX platform
- \* Utilized the MVC design pattern
- \* Conducted unit testing using the JUnit testing framework

### **Wine Point Prediction using the 100-Point Scale - University of Victoria**

November 2018 - December 2018

- \* Team contributor in implementing the multinomial and gaussian models for Naïve Bayes text classification using scikit-learn
- \* Assisted in pre-processing datasets using the Python csv module
- \* Responsible for dataset analysis and comparing the results against Weka

## SPECIALIZED COMPETENCIES

- ✦ Proficient with Ruby, Python, Java, HTML, CSS, Sass, Ruby on Rails and Javascript
- ✦ Competent working with Git version control
- ✦ Familiar with GitHub integration services such as Codeship and Travis CI
- ✦ Capable with the Adobe Creative Cloud and Microsoft Office suites
- ✦ Able to work with macOS, Ubuntu, and Windows operating systems
- ✦ Knowledge of Windows server services, including Active Directory and Exchange

## WORK EXPERIENCE

### **Software Engineer Intern - Marketing Experience, Varsity Tutors**

May 2019 - March 2020

- ✦ Built web components for an internal content management system using Ruby on Rails, Sass, and Mustache templating
- ✦ Assisted with maintaining and further improving existing components
- ✦ Developed A/B tests for marketing projects
- ✦ Supported business users in creating and managing web content using YAML
- ✦ Participated in code reviews for new developers and interns

### **Help Desk Analyst - University Systems, University of Victoria**

May 2017 - May 2019

- ✦ Provided technical support for clients troubleshooting software, network, desktop, and mobile issues
- ✦ Assisted with training of new employees
- ✦ Utilized SailPoint identity management software to aid clients in managing their university account(s)
- ✦ Used Bomgar remote desktop software to assist clients effectively in real-time
- ✦ Worked with Request Tracker ticketing system to communicate with upper-tier administrators