

# Michael R. Ward

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## QUALIFICATIONS

- Strong experience in software engineering and a background in information systems
- Skilled in Java, Python, C++, JavaScript, HTML5, CSS, SQL, Bash/Terminal, and VBA
- Excellent team collaboration and communication skills

## EDUCATION

**The University of Washington**, Bothell, WA

Sep 2017 to present

- **Major:** Computer Science & Software Engineering and Business Administration (Finance)
- **GPA:** 3.75
- **Expected Graduation:** June 2019
- **Relevant Courses:**
  - CSS 360: Software Engineering
  - CSS 461: Project Management
  - CSS 475: Database Systems
  - CSS 343: Data Structures, Algorithms, and Discrete Math I & II
  - CSS 490: Machine Learning & CSS 490 Cloud Computing
  - CSS 301: Technical Writing for Computing Professionals

**Bellevue College**, Bellevue, WA

Jan 2017 to June 2017

- **Relevant Courses:**
  - CSE 210 & 211: Object Oriented Java Programming

## ACADEMIC PROJECTS

### **Machine Learning Wine Classification**

- Researched and tested machine learning techniques on the UCI Red Wine Dataset.
  - Models included K-Nearest Neighbor, Logistic Regression, and Neural Networks.
- Average Accuracy after 10-fold cross validation was as high as 99.3% using three classification labels.

### **Movie Theater Design and Implementation**

- Designed and implemented a fully functional simulated movie theater.
  - Kept track of customers, movie rentals, movie inventory, and late fees.
- Used trees, hash functions, and factory methods to efficiently store data.

### **Capsim Business Simulation Capstone Project**

- Managed a team that responded to real world competition.
- Made strategic decisions for a simulated company.
- Resulted in our team being placed top 1% in the world.

## WORK AND EXPERIENCE

### **Computer Science Tutor**

Jan 2017 to present

#### *Volunteer Work*

- Tutored for prospective CS students at Bellevue college.
- Designed array, matrix, and object-oriented class problems for students.
- Required excellent presentation and communication skills.

### **Procurement Financial Analyst II**

Oct 2015 to Apr 2017

#### *The Boeing Company*

- Developed a user-friendly tool and process at the request of management.
- Standardized metrics for Procurement Review Board presentations using Access/SQL.
- Formulated a Labor Rate database which standardized historical, BLS, GSA, and consultant labor rates.
- Created user interface providing automated labor rate reports and comparisons.

### **Treasury Analyst**

Dec 2013 to Oct 2015

#### *Amazon.com, Inc.*

- Managed and analyzed over \$12 million dollars of yearly banking fees.
- Helped reduced forecasted global bank fees by over \$960,000 via negotiation planning.

**Interesting Factoid About Me:** I love reading about history and going on hikes. Also, I make a mean pot of Mac N Cheese.