

## **Matthew Ngo**

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1315 NE Campus Pkwy  
University of Washington  
Seattle, WA 98105

### **OBJECTIVE:**

Software engineering internship position

### **QUALIFICATIONS:**

- Proficient in Java
- Work experience with Selenium, MongoDB, OAuth2.0, Spring, REST API, Maven
- Educated in C, JavaScript, PHP, HTML, CSS, XML, JSON, SQL

### **EDUCATION:**

**University of Washington**, Seattle, WA  
**Computer Science Major**, pursuing Bachelor of Science  
**Expected Graduation:** June 2019

#### **Completed CSE Coursework:**

Computer Programming I, Computer Programming II, Web Programming,  
Foundations of Computing I, The Hardware/Software Interface, Systems and  
Software Tools, Data Structures and Parallelism

#### **Current CSE Coursework:**

- Systems Programming (C\C++)

### **EXPERIENCE:**

**Software Engineering Intern, Vormetric Inc.** July 2016 - September 2016

- Cloud Solutions Team
- Developed test automation for company's product
- Worked with web applications that interacted with other web services
- Debugged and solved product's software problems
- Presented final project to group of engineers and executives

### **PROJECTS:**

ZIP Compression Program  
- Implemented hash trie map and work list data structures  
Word Suggestion Messaging Program  
- Implemented n-gram and other dictionary type data structures  
Parallel Chess Bot Program  
- Implemented parallel minimax and alpha beta pruning algorithms  
Automated Integration Testing Enhancement for Web Application

### **ACTIVITIES AND AWARDS:**

- University of Washington Dean's List
- Nominated for the Society for Collegiate Leadership & Achievement Honor Society
- Society of Asian Scientists and Engineers
- University of Washington's Association for Computing Machinery