

# Nathan Yee

High School Junior Seeking Opportunities in Software Engineering

(925) 309-5432

yee.nathan.c@gmail.com

[LinkedIn](#)

[Github](#)

## Volunteer Work

- **MissingMaps.org**
  - Dec 2019 - August 2020
  - Utilized satellite imagery to draw roads, buildings, and other features in unmapped areas of the world, enabling emergency response.
- **Dublin Creek Cleanup**
  - September 2019
  - Helped remove trash and debris from a 'hot-spot' area of the south San Ramon creek.
- **City of Dublin - The Wave**
  - July 2019
  - Helped set up tents and time races for the Dublin Junior Green Gators.

## Skills

- Fluent in Java, C++, and Python
- Experienced HTML, CSS, JavaScript with ReactJS, and SQL

## Education

### **Dublin High School**

Dublin, California

- Computer Science Academy
- 2017-2021

Notable Courses Taken

- **Introduction to Engineering and Design** - Learned about the engineering process and Computer Aided Design, lead and completed many team projects
- **Principles of Engineering** - Learned about multiple branches of engineering, lead and completed many team projects
- **PLTW Cyber Security** - Learned about securing servers and clients from attacks, interacted with remote servers and firewalls

### **Las Positas Community College**

Livermore, California

- **Java Programming** - Learned about the basics of Java and object oriented programming
- **Introduction to Linux/UNIX** - Learned various Linux/UNIX commands necessary for use

### **Diablo Valley Community College**

San Ramon, California

- **Advanced Programming with C and C++** - Learned the C/C++ language, wrote

programs such as linked lists and sorting algorithms.

- **Programming in Python** - Learned the basics of the Python 3 language
- **Introduction to MySQL** - Learned the basics of the SQL language in MySQL and PHPMyAdmin
- **IOS Application Development** - Learned the basics of Swift and used UIKit to create applications
- **Object Oriented Programming in C++** - Learned more advanced features of the C++ language including header files, objects, Standard Template Libraries, and Microsoft Foundation Class library
- **SQL Programming** - Learned SQL logic, database design, redundancy, and normalization
- **Program Design & Data Structures** - Learned program design and developed algorithms
- **Assembly Language Programming/Computer Organization** - Learned low-level programming concepts and assembly language

## **Laney College**

Oakland, California

- **Structure & Interpretation of Computer Programs** - Learned low-level programming concepts and assembly language

## **Additional Coursework**

- Michigan - Python for Everybody Specialization Online
- Duke University - Java Programming Online
- UC Irvine - Pre Calculus Online
- Ohio State University - Calculus 1 Online
- Princeton University - Algorithms 1

## **Professional Certifications**

- Java Certified Associate - SE 7 (December 2016)
- AutoDesk Certified User - Inventor (May 2018)