

## Kenneth Doan

doankt.github.io

kennethdoanor@gmail.com

linkedin.com/in/doankt

---

### EDUCATION

**University of California, Irvine**

*B.S Computer Science*

**Santa Teresa High School**

*High School Diploma*

- Cumulative GPA: 3.896

**Irvine, CA**

*September 2017 - Expected December 2020*

**San Jose, CA**

*August 2013 - May 2017*

---

### PROGRAMMING SKILLS

**Proficient:**

Python | C++ | C | Windows OS

**Familiar & introduced:**

HTML5 | JavaScript | Java | Linux | Git | CSS | Arduino | Maven

---

### PROJECTS

**Poomsae Scoring System (Taekwondo)**

*July 2019 - Present (On Hold)*

- Single person project to help with electronic scoring of the "Poomsae" (forms) sport

**Personal Website "doankt.github.io"**

*March 2019 - Present*

- Self taught project for a personal portfolio
- First HTML, CSS, JS project alongside with Bootstrap 4

**MESA National Engineering Design Challenge - Prosthetic Arm**

*September 2015 - April 2017*

- Member in a team prototype a low-cost prosthetic arm with Arduino and Arduino C and present engineering process to judges
- Two-time winner of the San Jose State University MESA Day Competition 2016 and 2017

---

### COURSEWORK

**Network Security:** Introduction to 7-layer OSI Model as well as cryptography / security in networks

**Intro to Data Management:** Basic MySQL, ER Model, Relational Model, and Relational Algebra

**Intermediate Programming:** Python lang, course on introductory/intermediate programming concepts

**Data Structure Implementation and Analysis:** C++ lang, high level structures, trees, graphs, traversals

**Principles in System Design:** C lang, concepts on OS, mem management, and threaded programming

---

### COMPETITIONS

**High School Capture The Flag Competition**

**Online**

*Team member*

*May 2014*

- Ranked 54th out of over 2000 nationwide competitors in a high school computer science competition team in: HSCTF, PicoCTF, EasyCTF

**Synopsys Science Fair**

**Santa Clara, CA**

*Participant*

*April 2013 - April 2017*

- Entered in the Science Fair starting from grade 8 with submissions including: 3D Printer and custom white cane (blind stick), coming in 3rd place in 2013.

---

### PREVIOUS EXPERIENCE

**La PanotiQ Bakery and Cafe**

**Campbell, CA**

*Front of House Staff*

*May 2017 - September 2017*

- Management of front house cafe responsibilities
- Served customers while maintaining the appearance of the cafe

---

### SOCIAL EXPERIENCE

**MESA HS (Math, Engineering, Science, Achievement)**

**San Jose, CA**

*Core Club Member*

*September 2014 - May 2017*

- Competed in Engineering competitions while assisting new members in their projects
- Multiple time regional competition 1st place winner

**Computer Science Club HS**

**San Jose, CA**

*Vice President*

*September 2015 - May 2017*

- Taught others introductory programming while maintaining small personal projects

---

### SPECIAL INTERESTS

**USA Taekwondo National Team Member**

**July 2014 - 2019**

- National Team Member for Taekwondo (Poomsae) travelling to numerous national and international competitions
- Three time world medalist in 2014 and 2016 in Aguascalientes, Mexico and Lima, Peru (WT Poomsae World Championships)