

Kenneth Doan

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EDUCATION

University of California, Irvine

B.S Computer Science

- Cumulative GPA: 3.195

Irvine, CA
September 2017 - Expected June 2021

Santa Teresa High School

High School Diploma

- Cumulative GPA: 3.896

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)