Kenneth Doan

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EDUCATION

University of California, Irvine   **Irvine, CA**
B.S Computer Science   *September 2017 - Expected June 2021*
- Cumulative GPA: 3.131

Santa Teresa High School   **San Jose, CA**
High School Diploma   *August 2013 - May 2017*
- Cumulative GPA: 3.896

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*
- 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

Hypersphere Integration Simulation   *November 2019 – December 2019*
- A simulation that determines the volume of a d-dimensional hyper sphere using a random and a deterministic method.

COURSEWORK

Computer Networks: Introduction to Networking concepts concerning the 7-layer OSI Model
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

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)