

Kenneth Doan

doankt.github.io

kennethdoanor@gmail.com

linkedin.com/in/doankt

OBJECTIVE

Recent university graduate seeking a position in Software Engineering

EDUCATION

University of California, Irvine

B.S Computer Science

Irvine, CA

September 2017 - December 2020

PROGRAMMING SKILLS

Proficient:

Python | C++ | C | Windows OS | Git

Familiar:

HTML5 | JavaScript | Java | Linux | CSS | Arduino | Maven | MySQL | Prolog | Lisp

PROJECTS

Poomsae Scoring System (Taekwondo)

July 2019 - Present

- Sports scoring system using pure Python and wxPython frontend

Personal Website "doankt.github.io"

March 2019 - Present

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

DreamsForSchools Instructor Assignment Sorter

October 2019 - December 2019

- Web app including a Python backend and Nodejs frontend
- Solved a sorting problem with a user algorithm based on weights

Hypersphere-integration Simulation

March 2019

- Python project that estimates a d-dimensional sphere using a random and deterministic method

Minesweeper AI Player

June 2019

- AI written in python; Plays a simple game of Minesweeper using propositional logic

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

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

Principles in System Design: C lang, mem management, and threaded programming

Operating Systems: Intro to OS concepts such as system boot, memory addressing, and subprograms

PREVIOUS EXPERIENCE

DreamsForSchools Instructor Assignment Sorter

Irvine, CA

Backend Developer

October 2019 - December 2019

- Worked with industry professionals in creating a web application with specified requirements
- Agile environment with

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

LEADERSHIP

The Association of Gamers at UC Irvine

Irvine, CA

Division Head

September 2017 - Present

- President of the Dota 2 (Video Game) division for TAG at UC Irvine
- Hosted events and tournaments for surrounding Universities

SPECIAL INTERESTS

USA Taekwondo National Team Member

July 2014 - March 2019

- National Team Member and three time world medalist in 2014 and 2016 in Aguascalientes, Mexico and Lima, Peru (WT Poomsae World Championships)