

Education

University of Maryland

College Park, MD

December 2020

B.S. Computer Science

Minor in General Business

Courses

Algorithms -

Data Science -

Object Oriented Programming -

Computer Systems -

Statistical Analysis -

Discrete Structures -

Linear Algebra -

Calculus I & II -

Deep Learning -

Advanced Data Structures -

Skills

Java -

Python -

Unity -

HTML -

Ruby on Rails-

MATLAB -

Leadership

Technica

Mentor: Helping students with personal projects

Transfer to Terps Org

Community Service Organizer:
Organized a run for donation

Interests

Badminton, Designing Websites,
Drawing, Painting

Projects

Augmented Reality Application (Jan 2020)

- Implemented a maker-based augmented reality demo app
- Superimposed a three-dimensional model upon a target image using Unity and Vuforia
- Installed a mobile joystick that's able to move the model in any direction

Suicide Rate Analysis (Dec 2019)

- Scraped data from publicly accessible website using Python
- Used Pandas, NumPy, and Folium library to analyze data
- Performed linear regression and tree regression using Sklearn to predict suicide patterns

Checklist Web Application (Jun 2019)

- Accomplished using Ruby on Rails
- Acquired better understanding of servers and making web applications
- Used AWS EC2 instance to deploy the application
- Stored data on SQLite database on the disk

Small C Parser (Mar 2019)

- Wrote project that parses code into basic C program, written in OCaml
- Created a lexer to convert basic code into tokens
- Wrote parser to convert tokens into abstract syntax tree
- Made an interpreter that converts Abstract Syntax Tree into an Environment

Experience

Distat (Software Development Intern • Jan 2020 - Current)

- Developed custom AR software applications for commercial or government contractors using Unity
- Designed user interface of the software
- Modified implementation based on client's feedback

Dept. of Computer Science (Algorithms Teaching Assistant • Jan 2020 - Current)

- Assisted students with Algorithms conceptions
- Course covers sorting, graph theory, complexity, NP-Completeness, divide and conquer algorithms and other miscellaneous topics
- Hosted weekly office hours and one-on-one tutoring for students to reinforce lessons

Daly Computers (Team Lead • May 2017 - Aug 2019)

- Directed a team of 20 interns to setup hardware and software for the local schools
- Imaged new administrative systems by using network installations
- Supervised installation of at least 12,000 new computers every year
- Worked with school technicians to ensure all computers are on the school domain