Kuoyuan Yang

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Education

University of Maryland, College Park
Bachelor of Science, Computer Science   May 2019
GPA: 3.4

Relevant Courses

- Calculus 3
- Discrete Structures
- Algorithms

- Object Oriented Programming
- Computer Systems
- Organization of Programming Languages

Skills

Languages: Chinese, English

Programming Languages and tools: JavaScript, C, Java, Python, HTML/CSS, Node.js, Latex, Git

Hackathons

RealityHacks   April 2017
- Placed top 5 and demonstrated project to all attendees
- Used Unity to develop an AR Tetris game for the Microsoft Hololens
- Mapped controls to gestures

HopHacks   February 2017
- Used HTML, CSS, and jQuery to build a website that helps user save money
- Implemented Google maps API and Capital One hackathon API Nessie to track the locations of users' Expenditures over the past week

Projects

Sing   September 2017
- A Django powered web app that evaluates users' vocal performance
- Compares user recording to original song and calculates the difference using fast fourier transform algorithm

FoodWeb   April 2017
- A website that helps users find a restaurant
- Makes requests to yelp-fusion API with Node.js

Bro-bot   March 2017
- A Facebook messenger bot written with Node.js that can perform tasks given by users
- Connects to external services such as Wolfram Alpha and Reddit to answer questions from users

Experience

University of Maryland, Baltimore Neurology   Baltimore, Maryland
Research Programming Intern   May 2017 – August 2017
- Developed a Matlab/Simulink program on KINARM robot that helps rehabilitation for patients with strokes
- Worked with TMS and EEG operations on patients