

Jason Jiang

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Objective

Seeking a software engineering internship where I can utilize my software development skills

Education

University of California, Los Angeles
B.S., Computer Science and Engineering

GPA: 3.88
Graduating June 2018

Relevant Coursework

Operating Systems, Data Structure & Algorithms, Software Construction, Computer Organization

Technical Skills

Primary programming language: C++ (2.5 years), Secondary Language: Java (2.5 years), Python (1 year) Basic Knowledge of JavaScript

Project Experience

Personal Website (Language: HTML)

- Created using HTML/CSS/Javascript
- Utilized the JQuery library to create animations and enhance front end performance of the site
- Employed the Bootstrap framework to create a site that is scalable

Web Enabled Security System (Language: Python)

- Integrated PIR sensors (motion sensors) to trigger TTL serial camera and that is attached to a Raspberry Pi minicomputer
- Utilized the picamera library to control the camera and GPIO library to receive input from the motion sensor
- Employed Python's Simple Mail Transfer Protocol (SMTP) to send pictures through email through the use of Multipurpose Internet Mail Extension (MIME) objects

Optimal Pokémon Team Creator (Language: JAVA)

- Implemented an evolutionary algorithm to determine the optimal traits of a Pokémon team
- Defined a fitness function that objectively rated a Pokémon team's effectiveness
- After repeated iterations of the algorithm, the resulting Pokémon team was used successfully in competitive play

Leadership

Upsilon Pi Epsilon (UPE, UCLA Chapter)

UPE Web Chair (June 2015 – Present)

- Maintained the UPE Website with Django framework
- Updated website to include functionality that allowed UPE Candidates to track their induction process

Association of Computing Machinery (ACM, UCLA Chapter)

ACM Teach Vice Chair, Hack and Corporate Intern (Oct 2014 – Present)

- Coordinated UCLA Local Hack Day (50+ students) giving students an opportunity to experience a miniature version of a hackathon
- Created lesson plans and taught beginner level technical workshops (Learning JSON with Jason)
- Contacted companies to schedule company info sessions for UCLA students
- Recruited students to lead one-off workshops on diverse topics such as web and app development

Honors

UC Regents Scholar, UCLA
High School Valedictorian
IB Diploma