Carlin Au

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Education

Rutgers, The State University of New Jersey - New Brunswick   *October 2017*

Bachelor of Arts in Computer Science & Information Technology and Informatics

Skills

Languages

Java, C, Javascript, Python, SQL, HTML, CSS

Frameworks

Node.js, Express, Socket.io, Flask

Software

Git, AWS, bash, Unity3D, MongoDB, MySQL, SQLite3, Jenkins, Ubuntu, Arch

Experience

iCIMS   *November 2017 - Present*

Software Engineer

- Functioned as a member of an Agile team in a Scrum setting and took tickets in JIRA.
- Created a client library to interact with internal REST APIs using Node.js to be used on micro services.
- Built a framework around Deque Systems' aXe library to help find accessibility violations across iCIMS products.
- Maintained the iCIMS Hackathon API & Documentation site, and helped developers on-site with using the API.

SightLogix   *May 2016 - August 2016*

Software Engineering Intern

- Designed and built the backend for a remote camera configuration tool with Node.js and Express.
- Handled auto-discovery of cameras using ONVIF and Service Location Protocol.
- Created a server system to pass critical camera messages to clients in real-time using Socket.io.

Projects

Camelot

https://github.com/HackRU/Camelot

A web application built with Node.js and MongoDB which handles HackRU's registration, attendee confirmation, user dashboards, and data collection. It manages over 1500 users and 600 attendees concurrently during HackRU.

passport-mymlh

https://www.npmjs.com/package/passport-mymlh

A npm module that fits within Passport, an ecosystem which simplifies Oauth 2.0 for web applications built with Node.js. This package is a strategy for authenticating with Major League Hacking's MyMLH service.

OrdrIn

Winner of Best Use of Amazon Web Services at HackNY Fall 2016

SMS-based service built with Node.js and Express using Twilio, Clarifai, and EatStreet APIs where users can order food from nearby restaurants solely through photo recognition.

Leadership

HackRU   *July 2015 - June 2017*

Executive Director 2016-2017

- Coordinated 8 teams to organize events with 600+ attendees on a budget of $35,000.
- Operated as the liaison between HackRU and Rutgers University Administration to implement new features such as an data collection of attendees and an improved contract system for sponsors.
- Formed the Research & Development team, a team of 11 students, with the mission of building software to benefit HackRU, student life on campus, and open source projects.
- Oversaw the launch and development of 4 projects in a 4 month development cycle, such as Camelot.

Director of Marketing 2015-2016

- Responsible for the design and development of the website written in Python/Flask.
- Led social media campaigns to increase visibility for HackRU on Facebook, Twitter, and Snapchat.