



## 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

### SightLogix

*May 2016 - August 2016*

*Software Engineering Intern*

- Designed and built framework of the backend for Coordination System 2 in Node.js.
- Handled auto-discovery of cameras using ONVIF and Service Location Protocol.
- Architected a system to pass critical camera messages to client in real-time using Socket.io.
- Built server that listens for three different types of messages and assigns them into queues based on content.

### SightLogix

*May 2015 - August 2015*

*Software Engineering Intern*

- Reconstructed a regression testing tool to compare camera recorded metadata written in C, Bash, and Python.
- Dove into camera source code, solved issues in pointer arithmetic, and analyzed assembly code.
- Integrated the testing tool with Jenkins as a post-build action within nightly builds.

## 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-mymhlh

<https://www.npmjs.com/package/passport-mymhlh>

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 a 600+ attendees events 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 software engineers, 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.

*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.