

## EMPLOYMENT

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<b>Junior Full Stack Developer</b>	<b>Lumos (Startup)</b>	<b>June 2017 - Present</b>
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- Built a scheduled Web scraper to extract the details of university events from the calendars of 6 different universities.
- Set up a real-time database to store the details of events.
- Worked closely with the design team to enhance the UI and UX of the iOS app.

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<b>Cyber Security Intern</b>	<b>QCRI</b>	<b>June - August 2016</b>
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- Deployed a malware honeypot in a Raspberry Pi 2 to detect malicious activity in QCRI's internal network.
- Implemented a log shipper to process, index, and send logs in real-time to an Elasticsearch Server.
- Used a Kibana server to visualize malicious activity from shipped logs.

## EDUCATION

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<b>BS in Computer Science</b>	<b>Carnegie Mellon University</b>	<b>Class of 2019</b>
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*Coursework:* Parallel & Sequential Data Structures and Algorithms | Functional Programming  
| Computer Systems | Graph Theory | Embedded Systems | Distrusted Systems  
*Minor:* Business Administration

## PROJECTS

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**Comment Share (2017) | Chrome Extension | 1-Person Project**

- Share YouTube comments and specify the video starting time with less than 4 clicks.
- Render YouTube pages to include a Share button in every YouTube comment.
- Share Comments and the associated YouTube video to Facebook, Twitter, Reddit, and CommentsHub.  
- JavaScript, NodeJS, Socket.IO, Mustache Templating System, Bootstrap, and Firebase.

**Carnegie Mellon University Events (2017) | iOS Application | 1-Person Project**

- CMU-Q based events iOS app
- Created a scheduled Web scraper to fetch events from CMU-Q's official calendar.
- Implemented an event recommendation card-swipe view.
- Integrated Facebook Login to allow faster and easier user authentication.
- Added the ability to see Facebook friends attending recommended events.  
- React Native, expo.io, JavaScript, Heroku, and Firebase.

**NIXT ChatBox (2016) | C Program | 2-person Project**

- Multi-threaded UNIX-based instant messaging system that allows both private and group chats.
- Created the client-server communication protocol.
- Built the server-side of the project, and implemented the concurrency in the client-side.  
- C, ANSI escape code, POSIX Threads.

## AWARDS

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**Winner of Harvard University's CS50x Online Coding Contest, 2016:**

- 650+ participants from 89 countries.

## SKILLS

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*Programming Languages (Proficient):* Python, C, JavaScript, NodeJS, Standard ML, HTML/CSS, React Native.  
*Interests:* Social Psychology, Mobile Development, Mobile UI/UX.