

EMPLOYMENT

Software Engineering Intern	Lumos (Startup)	June 2017 - Present
<ul style="list-style-type: none">• Built a scheduled Web scraper to extract the details of university events from the calendars of 6 different universities.• Restructured the events database to serve at a real-time performance.• Reduced production costs by more than 80%.• Worked closely with the design team on the UI and UX of the iOS app.		
Cyber Security Intern	QCRI	June - August 2016
<ul style="list-style-type: none">• 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

BS in Computer Science	Carnegie Mellon University	Class of 2019
<ul style="list-style-type: none">- <i>Coursework:</i> Parallel & Sequential Data Structures Functional Programming Intro to Computer Systems Graph Theory Embedded Systems- <i>Minor:</i> Business Administration		

PROJECTS

Comment Share (June 2017) Chrome Extension 1-Person Project
<ul style="list-style-type: none">• 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 App (July 2017) iOS Application 1-Person Project
<ul style="list-style-type: none">• 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 (Dec 2016) C Program 2-person Project
<ul style="list-style-type: none">• 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, Socket & Thread Programming, POSIX Threads.

AWARDS

Awarded 1st Place, CS50x Coding Contest by Harvard University, 2016:
<ul style="list-style-type: none">• Won an online programming contest, out of 659 participants from 89 countries.

SKILLS

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