

EMPLOYMENT

Junior Full Stack Developer	Lumos (Startup)	June 2017 - Present
<ul style="list-style-type: none">• Built a scheduled Web scraper to extract university events' details from 6 different universities' calendars.• Set up a real-time database to store events' details.• Worked closely with the design team to enhance 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
<i>Coursework:</i> Parallel & Sequential Data Structures Functional Programming Intro to Computer Systems Graph Theory Embedded Systems Distrusted Systems		
<i>Minor:</i> Business Administration		

PROJECTS

Comment Share (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.<ul style="list-style-type: none">- JavaScript, NodeJS, Socket.IO, Mustache Templating System, Bootstrap, and Firebase.
CMU Events App (2017) iOS Application 1-Person Project
<ul style="list-style-type: none">• Carnegie Mellon-Qatar based events iOS app• Created a scheduled Web scraper to fetch events from Carnegie Mellon-Qatar'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.<ul style="list-style-type: none">- React Native, expo.io, JavaScript, Heroku, and Firebase.
NIXT ChatBox (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.<ul style="list-style-type: none">- C, ANSI escape code, 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.

LANGUAGES

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