

Yusuf Musleh

3826 Chantal Lane, Fairfax, Virginia 22031, USA
yusuf.musleh@gmail.com • www.ymusleh.com

EDUCATION	Carnegie Mellon University , Pittsburgh, PA B.Sc. in Computer Science • Minor in Business Administration	2012 – 2016
QUALIFICATIONS SUMMARY	Programming Languages: C/C++, Java, Python, Assembly Web Development: Django, NodeJS, Bootstrap, HTML5, JavaScript, CSS, LESS, AJAX, JSON Platforms: Windows, Mac, Linux Related Courses: Distributed Systems, Web Application Development, Embedded Systems Languages: English, Arabic	
PROJECTS	State of Mind , Collaborative Brainstorming Platform • Developed in 24 hours in the Carnegie Apps Hackathon 2016 • Web Application built with python Django • Developed the Input text/image/doodle functionality • Wrote interaction between back-end and front-end using AJAX • Coded data processing and API function calls in back-end	Jan 2016
	FileStAck , Distributed File System • Distributed File System developed in Java • Developed the RMI, to handle communication between Clients, the Naming Server and Storage Servers • Coded Synchronization functionality using locking mechanisms and mutexes • Wrote Replication functionality to spread load over servers and create backups in case of failures	Sep – Nov 2015
	Majlis , A Middle Eastern Reddit Back-End/Front-End Web Developer • Bilingual Web Application built with python Django (back-end) and Bootstrap (front-end) • Wrote the interaction between the front-end and back-end using AJAX • Developed the Moderator User functionalities similar to that of Reddit • Coded the functionality and styling of JS forms, and handled requests, data and errors	May – Aug 2015
	Embedded System , WiFi controlled remote Car • Written in C using a Freescale Micro-controller, servos and Wifi-modules (Xbee) • Developed Pulse-Width Modulation (PWM) to control servos rotation speed and direction for car movement • Used communication between modules to issue control commands over wifi	Apr 2015
OTHER WORK EXPERIENCE	Carnegie Mellon University Embedded Systems Course Assistant • Develop labs for students • Hold office hours to help students • Assist professor in matters related to the course	Jan 2016 – Apr 2016
	Carnegie Mellon University Researcher • Recieved grant of \$4K from Student Initiated Undergraduate Research Project (SIURP) • Built a Cross Site Scripting (XSS) benchmark to test XSS detection tools • Used benchmark to test reliability of current web vulnerability scanners • Produced a report on the research that was presented in Meeting of the Minds (April 2015)	Jun – Aug 2014
ACTIVITIES & INTERESTS	Strength Training Club , Student Club Founder and President Bodybuilding and Powerlifting Technology and Gadgets	Sep 2014 – May 2015