Yusuf Musleh

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EDUCATION	**Carnegie Mellon University**, Pittsburgh, PA

B.Sc. in Computer Science   2012 – 2016
  • Minor in Business Administration

QUALIFICATIONS SUMMARY

Programming Languages: C/C++, Java, Python

Web Development: Django, Bootstrap, HTML5, JavaScript, CSS, LESS, AJAX, JSON, NodeJS

Platforms: Windows, Mac, Linux

Related Courses: Distributed Systems, Web Application Development, Embedded Systems

Languages: English, Arabic

PROJECTS

FileStAck, Distributed File System   Sep – Nov 2015
  • 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

Majlis, A Middle Eastern Reddit
Back-End/Front-End Web Developer   May – Aug 2015
  • 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

Embedded System, WiFi controlled remote Car   Apr 2015
  • 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

Diaries of an IT Assistant, A 2D platformer game   Jan 2015
  • Developed in 24 hours in the Carnegie Apps Hackathon 2015
  • Made using Unity Game Engine
  • Multi-platform deployment: Android, iOS, Web, PC
  • Developed the infinite map platform generation
  • Added sound effects and background music

OTHER WORK EXPERIENCE

Carnegie Mellon University
Researcher   Jun – Aug 2014
  • 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)

Carnegie Mellon University
Research Assistant   May 2013 – Mar 2014
  • Developed bi-lingual user interface for a robot receptionist at CMU
  • Designed web based UI for tablets
  • Project conducted under Human Robot Interaction Department between Pittsburgh and Qatar campuses

ACTIVITIES & INTERESTS

Strength Training Club, Student Club
Founder and President   Sep 2014 – May 2015

Bodybuilding and Powerlifting

Technology and Gadgets