DANYAL SIRAJ

Github: github.com/danyalsiraj

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OBJECTIVE

Looking for a Full Stack Developer position in an environment where innovation, education, and creativity is valued. I am a passionate developer with consideration of customer/business needs, latest technologies, and programming standards. My development experience includes RESTFul APIs, mobile cross platform development with React Native, web applications, and windows program for cursor control via face/eye movement

EDUCATION

BASc in Electrical Engineering with Engineering Management   *September 2012-December 2016*

University of Ottawa

- Received Admission Scholarship
- Specialized in Systems Engineering
- Capstone: Developed windows program for cursor control via face/eye movement.

Software Engineering Education from uOttawa Courses(Self Taught)   *May 2017-January 2018*

- Introduction To Computing I (ITI1120) & II (ITI121)
- Introduction to Software Engineering (SEG2105)
- Data Structures and Algorithms (CSI2110)
- Databases (CSI2132)
- Software Requirements Analysis (SEG3101)
- Software Design and Architecture (SEG3102)
- Design and Analysis of Algorithms(CSI3105)

SUMMARY

- Entrepreneurship, co-started Freshbe
- Developed Mobile application in react native
- Developed RESTFul API for mobile app (Freshbe)
- Developed real time chat app in Node
- Developed todo and weather app in Node
- Developed all mainstream data structures in Java
- Maximize the use of automated test cases
- Regularly solve challenges on HackerRank
- 66 Days coding streak on github
- Developed windows application for cursor control via face/eye tracking

AREAS OF EXPERTISE

- Languages: Java, Javascript, C, C++, MATLAB, Arduino (Embedded C), VHDL
- Frameworks: React, React Native, Node, Bootstrap, Freemarker, OpenCV
- IDE: Eclipse, Sublime, Atom, Visual Studio Ultimate, Visual Studio Code, DBeaver
- Databases: PostgreSQL, MySQL, NoSQL, MongoDB
- Frontend: HTML, CSS, ReactJS, d3
- Backend: Java and Javascript
- OS: Linux and Windows
- Version Control: Git

PROFESSIONAL EXPERIENCE

Full Stack Developer
Nov 2017-Present

Freshbe

- Design and develop Mobile and REST API
- Conduct requirements analysis
- Built from scratch
- Experience agile SDLC
- Project Management using github projects
- Technologies used: Javascript, React Native, Amazon S3, PostgreSQL, Node, Mocha, Draw.io

Data/ARTEMIS Support
August 2017-Present

SBE Canada Ltd

- Build reports based on client requirements
- Responsible for managing/assigning role based access in ARTEMIS
- Create locks(acceptance criteria for release) for devices
- Research into solutions to improve release processes

Quality Control and Function Testing (Screener)
May 2017-July 2017

SBE Canada Ltd

- Test the cell phones and tablets for functional and cosmetic faults.
- Perform function tests by using auto test codes or manually.
- Troubleshoot to resolve software issues(i.e. Hard reset).
- Assign grades to all the devices based on the cosmetic condition.
- Scan all the devices in computer and update the device information.

C++/OpenCV Developer
Jan 2016-Dec 2016

Capstone Project

- Maia - Design and Develop Cursor Control via Eye Tracking.
- Developed MATLAB simulation to validate the concept.
- Used C++ and Open CV to develop the tracking software.
- Created executable file to allow portability for windows platform.

Junior Quality Assurance Analyst
Sep 2015-Dec 2015

Innovation Science and Economic Development Canada

- Testing such as: Functional, Integration, System, Regression, and User Acceptance.
- Creating/executing test plans and test cases from use cases and/or requirements documents.
- Deploying builds in a dedicated testing environment.
- Logging/analyzing issues using a bug tracking software (JIRA).

Junior IM/IT Architecture Analyst
Jan 2015-Apr 2015

Transport Canada

- Assist with identifying appropriate IM/IT solutions to meet the requirements of the business lines.
- Researching and testing commercially available products to determine their functionality and ease of use.
- Consult with IM/IT Architecture team to determine the viability of options and recommendations.
- Testing and evaluating software and hardware to assess its suitability for use within Transport Canada.
- Assist with troubleshooting and resolving problems related to IM/IT architecture.