Sultan Mira

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Professional Profile

Aiming to obtain a full time position in the design, development, maintenance of computing systems and software or hardware products. Excellent time management. Ability to handle many responsibilities with a desire to learn new skills. Works effectively and efficiently with team members.

Education

Rochester Institute of Technology, B.S/MS. Software Engineering, GPA : 3.70/4.00   **September 2015 - August 2019**
MS Thesis: "Task Scheduling Balancing User Experience and Resource Utilization on Cloud"

University of Wisconsin - Platteville, B.S. Software Engineering, GPA : 3.88/4.00   **September 2014 - September 2015**

Professional Experience.

- **Apple,** Cupertino, CA   **May 2018 - August 2018**

  Worked as a Software Engineering intern in the Mail team. Main project consisted of an internal python command line tool that worked with a continuous integration system to enable users to easily identify regressions. The tool stored build binaries along with their logs in a cloud based storage system, and provided an intuitive command line user interface to download the binaries, install them on devices, and bisect the artifacts, similar to git-bisect. Daily responsibilities included automating workflows for the QA team, re-architecting distribution of test devices and automating the remote process

- **Tesla,** Palo Alto, CA   **May 2017 - August 2017**

  Worked as a Software Engineer intern with the Firmware Autopilot team. Responsibilities included developing new test scripts, contributing to the automation framework to make fixes or develop new features, writing unit tests for the automation framework, updating old tests, logging bugs, writing test cases, and contributing to the firmware code base. Focused mainly on the Web and Media applications, contributed in their firmware development, increased test coverage, and expanded the code base for the applications in the automation framework

- **Wegmans Food Markets, Inc.**, Rochester, NY   **January 2017 - May 2017**

  Worked as a Software Engineer with the Software Quality team. Responsibilities included updating and creating test plans, testing mobile applications and websites, reporting bugs to developers, writing automated test scripts, automating workflows for the team, and verifying bugs fixes. Worked on testing Wegmans.com, Wegmans Android and iOS applications, and Wegmans Cakes

- **Rochester Institute of Technology,** Rochester, NY   **August 2016 - May 2019**

  Worked as a Teaching Assistant for Introduction to Software Engineering, Software Testing, and Software Engineering Freshman Seminar, all classes in the department of Software Engineering at RIT. Responsibilities include going over assignments before they are assigned, help introduce new topics and assignments to students inside and outside of class, and grading assignments and projects

Skillsets

Object oriented development(Java, C++, Python, Ruby), non-object oriented development(C, Python), Android app development, version control software(Git, SVN), different platform development environments, server side development.

Web development(HTML/CSS, Javascript(React, Node), Python(Flask, Django), PHP), databases(SQL, MongoDB), software testing automation(Selenium, Perfecto Mobile, Ruby, Python), software design patterns, scripting languages(Python, Bash), software architecture

Spoken Languages: Arabic and English written and verbal

Projects

Financial Portfolio Tracking System(FPTS)

FPTS allows users to track their financial portfolio activities functioning like a diary. The desktop application provides storage of anything that would be normally stored in a portfolio such as equities, and fund holdings. The system can also simulate individual portfolios showing the user the effect of the market's conditions on the portfolio.

- Applied fundamental design principles and software design patterns
- Connected to the Yahoo.com API to update user selected stocks on a user provided time interval

Tools: Java SDK, Eclipse IDE, Github version control

WHAT2COOK

An Android OS application that helps users decide what to cook. The main demographics of the application is college students. The main idea of the application is to have the user input ingredients in their kitchen (e.g. chicken, rice) and have the application suggests recipes based on the input. Some additional features include shopping list, virtual kitchen, and favorite recipes.

- The recipe search algorithm is setup to give different weights to different ingredients depending on the category
- Development currently on hold

Tools: Java Android SDK, Android Studio IDE, GitHub version control, SQLite for Android, Bluestacks emulator