Pavithran Pathmarajah

Software Engineering Student

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Summary

Self motivated, hard working Software Engineering student seeking an internship to utilize skills and experience gained in algorithm design, robust application development, and software maintainability, to contribute to a reputable organization and improve efficiency.

Competence

- Object Oriented Analysis
- Interface Implementation
- Software Design
- Information Analysis
- Prototyping
- Testing Automation

Relevant Work Experience

Jibestream | Software Engineering Intern   May 2017 – February 2018
- Communicated technical information effectively to other employees of varying technical experience Automated Testing Rig
- Furthered the homogenizing of the Android, iOS and Web SDKs to reduce technical support inquires and strain on multi-platform application developers Product development
- Investigated complex technical issues for clients and developed solutions to match their unique needs and unique code base
- Developed a fully-automated quality insurance system with Node.js to test the backend, frontend, and SDKs to discover bugs sooner and reduce workload later in the software life cycle

Projects & Experiences

Distributed Computing System
Devisedand developed a small scale system to demonstrate the use of idle computing power, to analyze data sets; the data set is partitioned client side analysis, and later consolidates the data, providing a low cost system for research. (PHP, Html, JavaScript)
  Git: https://yhack.pavipath.com

Weather Station Analyzer
Worked in a team to create a web-based application to analyze weather station data and calculate which weather stations can cease operations without affecting the overall weather prediction. (Ruby, Html, JavaScript and SqlLite3)
  Git: https://weather.pavipath.com

ACM International Collegiate Contest | Regionals   October 2016
Participant at 2016 ACM ICPC at the East Central North America Regionals.

Education

Bachelor of Software Engineering   Class of 2019
McMaster University — Hamilton ON