ROHANDEEP SINGH

Skills

Languages - Python, JavaScript, Java, C

Database – MongoDB, SQL ServerSQLite, MySQL

Other Technical – Machine Learning , Tensorflow, Web applications, Angular, Nodejs, Android App Development, Android Studio, JetBrains, Visual Studio

Professional - Teamwork, Problem Solving, Testing, Debugging, Documentation, Research, Attention to detail

Contact

RS9773@rit.edu

linkedin.com/in/rohandeep-singh

516-513-4416

Achivements

-SUNY CHANCELLOR's AWARD
-LEADERSHIP DEVELOPMENT AWARD
-STUDENT ACTIVIES AWARD
-WHO's WHO AWARD
-NCC CHESS CHAMPION

Relevant Coursework

Data structures, Analysis of Algorithms, Mechanics of Programming, Software Engineering, Programming Language Concepts, Computer Science Theory, Concepts of Computer Systems, Database management, Geographical Information Systems

Hobbies

Summary

Passionate and motivated computer science student looking for a Full-time Position. Works well under pressure and consistently meets deadlines and fosters a collaborative and supportive team environment. Offering experience in JavaScript, Python, Java and C and always willing to learn more.

Professional Experience

Software and HIL Testing Software Engineer   8/2019 – Current
LHP Engineering Solutions, Pontiac, Michigan
- Working on two projects namely ATCgen and Dashboard. Both are web applications used by the Engineering departments at Magna Powertrain.
- Responsibilities: Planning, Coding, Building, Testing, Releasing, Deploying, Operating and Monitoring software.

Software and HIL Testing Software Engineer Intern   5/2019 – 08/2019
Magna International, Troy, Michigan
- Developing a web application named Auto Test generator. This application centralizes testing departments workflow. Some features are multiuser access, maintain multiple projects, manage and analyze project progress, generate test script for in houses testing machines.
- Tools used: Angular, Nodejs, Typescript, MongoDB, MKS Integrity, Jenkins, Tortoise version control.
- Responsibilities: Planning, Coding, Building, Testing, Releasing, Deploying, Operating and Monitoring software
- Key Highlights: Gained experiences in developing web applications, testing and deploying.

Software and HIL Testing Software Engineer Intern   8/2018 – 12/2018
Magna International, Troy, Michigan
- Developed and Optimized S.M.A.R.T classification Machine Learning Models with variant architectural designs. Tools used: Python, TensorFlow, Keras and Natural Language Processing.
- Developed a RESTful service deploying Machine Learning Models for ease of integration with the web application. Tools used: Tensorflow-serving, Docker, Kubernetes and Nodejs.
- Automated Mongo database population and added support for csv, arxml and dbc file formats. Tools used: JavaScript and Nodejs.
- Key Highlights: Gained Experiences in Machine learning design, implementation and deployment.

Orientation trainer   01/2015 – 07/2017
Nassau Community College
- Trained selected individuals to become the next generation of orientation leaders by training them in in public speaking and event management.

Education

Bachelor of Science: Computer Science   2017 – 2019 (EXP)
Rochester Institute of Technology - Rochester, NY   2.96 GPA

Associate of Science: Computer Science   2015 - 2017
Nassau Community College - Garden City, NY   3.80 GPA