

Logan Stack

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Experience

2019 - Present

General Motors

Dev Ops Engineer

- Responsible for the restructure and continuous support of the Git Ecosystem under the Dev Ops Team in the Vehicles and Embedded Controls division in an active scrum environment
- Co-authored a Continuous Integration/Continuous Development Pipeline responsible for regularly building software components and storing the results
- Created a job that detects build errors and reports them to users in a collective spreadsheet
- Wrote scripts to record metric data and collect relevant documents and source files
- Utilized Python to automate the generation of release letter' content for component builds, serving as official business records for all future development
- Devised an algorithm for the automated archiving of ILM compliant material

2018 - 2018

Michelin

Software Engineering Intern

- Authored a repository migration application to automatically transfer data from Subversion to Git using Groovy and the Grails framework
- Developed a blockchain to track resource allocation and value analysis in End User Experience using Multichain API, MongoDB, Express.js, Angular 6, & Node.js

Education

2015 - 2019

The Pennsylvania State University, B.S. Computer Science

Minor in Mathematics Applications

Relevant Coursework

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|--------------------------------|---|
| • Data Structures & Algorithms | • Computer Organization & Design |
| • Systems Programming | • Calculus and Vector Analysis |
| • Object Oriented Programming | • Linear Programming and Discrete Mathematics |

Technical Skills

Languages	Python, Java, Groovy, C++, C, Bash, Javascript, HTML, CSS, Perl
Tools/Frameworks	Git, Gerrit, Jenkins, Artifactory, Jira, Rational Team Concert, Bootstrap
Databases	MySQL

Projects

Medical Operation Time Tracker *Swift, HTML, CSS, MySQL*

- Worked with a capstone team to create a Swift application for Shippert Tech to record medical procedures and time spent with patients for auditing purposes

Personal Resume Site *HTML, CSS, Bootstrap*

- Designed a personal web portfolio using HTML, CSS, & Bootstrap

Google Trends Web App *Javascript, Express.js, Angular, HTML, CSS, Bootstrap*

- Created a game with the MEAN stack and Google Trends API to guess search term popularity

Twitter Bot *Python*

- Wrote a twitter bot in Python that tweets comments from reddit using twitter and reddit API