Rose E. Hulman

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Objective: Looking for a full-time position in the field of Software Engineering

Education: **Bachelor of Engineering, Software Engineering**   **May 2019**
Minor: Economics   GPA 3.67/4.00
Rose-Hulman Institute of Technology, Terre Haute, IN

Related courses: Data Structure & Algorithm Analysis, Software Design, Software Quality Assurance, Software Requirement Engineering, Software Construction & Evolution, Software Project Management

Skills: Java, Python, JavaScript, Objective-C/Swift, TypeScript, C Firebase, Angular, SQL, NoSQL

Internships: **Groupon, Palo Alto, CA**   Summer 2018
Software Development Engineering Intern Computational SEO
• Built a D3.js + Preact.js Web Application using Neo4j as backend
• Automated the process of finding inbound and outbound links
• Helped reveal over 10,000 incorrect link bindings on production site
• Decreased time required to import 2,000,000 links by 40 times
• Supported adding millions more links without changing the existing code

Rose-Hulman Ventures, Terre Haute, IN   Summer 2017
Software Engineering Intern Software Engineering
• Built a Django + Nginx Web Application for RockShoxTM, SRAMTM
  o Developed an online setup guide for professional bicyclist customers
  o Automated tuning data import for client's ease to maintain
• Maintained an internal PHP-based website implemented 4 years ago
  o Identified and solved critical problems in the legacy system
  o Introduced new features to accommodate urgent internal needs
  o Replaced manual process of purchase requisition
  o Used AJAX to reduce page loading time from dozens of seconds to instant

Projects: Rose-Hulman Institute of Technology, Terre Haute, IN   Aug 2018 – Current
RoseBuild/RoseCloud Senior Capstone Project
• Developing a continuous integration, delivery, and grading system for Rose-Hulman faculty and student
• Implementing a CLI and Angular web interface for professors to populate student assignment repositories
• Constructing an easy-to-use deployment system for students using Kubernetes

Rose-Hulman Institute of Technology, Terre Haute, IN   Sep 2016 – May 2018
Rosuber Web, Android, iOS
• Developed an application for Rose-Hulman students to easily request and offer ride shares
• Implemented the app across web, Android and iOS platform
• Awarded as the top Android course project and introduced to the campus

Leadership: Teaching Assistant & Grader for Software Project Management   Aug 2018 – Current
International Freshmen Mentor   Feb 2018 – Aug 2018
Teaching Assistant & Grader for Software Quality Assurance   Feb 2018 – May 2018