SRILEKHYA REDDY MEDA

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EXPERIENCE

Software R&D Engineer: Intel Corporation, Hillsboro Nov 2020-Present
- Contribute to the development of operating systems for Intel's Automated Semiconductor Test Equipment
- Developed a Python based regression suite to identify API level latency issues in newer software builds resulting in 5% performance improvement
- Wrote integration test cases to validate two new features and developed the automation modules using C++ and scripting languages like OTPL
- Triage intermittent fails for integration tests and improved the success rate from 94% to 100%
- Interact with customers to resolve production issues and ensure timely resolution of bugs along with prioritization of new features.

Process Engineer: Intel Corporation, Hillsboro Aug 2017- Present
- Received four LTD divisional awards and one Etch departmental award for outstanding contributions to process
- improvement in 10nm process technology
- Monitored process quality by extracting data sets using SQL and analyzed data using statistical tools like JMP
- Represented area in cross functional teams to drive defect roadmap, improved process quality by 10X

PROJECTS

Develop responsive front-end webpages for a travel planning website using HTML, CSS and Bootstrap
- Designed and built static web pages for QTrip, a travel planning website. The website was built with mobile-first, responsive web design principles.

Protothon Product Design Hackathon
- Collaborated in a team of four to ideate and create a prototype app called 'SafeVerse', to solve the social issue of harassment, for a product design hackathon conducted by Product Buds.
- Conducted user surveys, identified key features, designed wireframes and high-fidelity prototype using FIGMA
- Recognized as top 5 finalists amongst a total of 25 teams in the hackathon, pitched the product to senior industry PMs

Mobile Application Based Smart Coffee Machine
- Developed a fully automated coffee machine from scratch, which was remotely controlled via an android app and prepared coffee according to consumers preference of taste. Was involved in product development, system design and device testing.

TECHNICAL SKILLS

Programming skills: HTML5, CSS, JavaScript, Python, SQL
Frameworks/ Tools: Git, Unit and Integration Test automation
Processes: Agile, Test Driven Development, UX and customer testing

LEADERSHIP SKILLS

Program Manager: Oregon Volunteer Council, Intel, Feb- Dec 2021
- Logistics lead for Operation HOPE, a community effort for distributing goodie bags to marginalized communities
- Collaborated with 16 ERGs and managed more than 50 volunteers, resulting in distribution of 6000 goodie bags to school kids around Portland

EDUCATION

Virginia Tech, M.Eng. Electrical Engineering, May 2017   GPA: 3.92
Received Bindi Prasad Fellowship, 2016

SRM University, B.Tech. Electronics Engineering, Jun 2015   GPA: 9.13/10
Received University Scholarship for outstanding academic performance, 2012 & 2013