

ALAN VILLA

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professional summary

Highly-talented, detail-oriented Software Developer with 3+ years' experience in increasingly responsible roles in software engineering/developing practices. Outstanding problem-solving, analytical, and decision-making skills with proven ability to conceptualize solutions to challenging situations and implement practical program strategies that increase productivity and efficiency. Excels in both team-based and self-managed projects within dynamic, fast-paced environments. Enjoyable need to explore new ideas and technologies, with strong capacity to learn and adapt quickly.

work history

IBM - Austin, TX

Jun 2015 - Current

Staff Software Engineer (Jan 2018 - Present)

Software Engineer (Jun 2015 - Jan 2018)

- Design, test and debug Java code to add new enhancements/features/rule creation to existing Eclipse IDE plugin and binary scanner software products through scrum/agile methodologies. Part of a small team in charge of all phases of our software's lifecycle, operating like a startup within the larger company.
- Led my team's migration to GitHub and Jenkins, transforming the tools and capabilities of the source repository and build infrastructure. Enabled savings in time and resources by allowing concurrent build processing and reducing build times by 75%. Assumed build administrator role in the process.
- Successfully created Java EE web application for existing binary scanner migration tool. Implemented backend using Servlet and front end using, JSP, JSTL, EL, JavaScript, and CSS technologies.

Technologies used: Java, HTML, XML, JavaScript, jQuery, JSON, Python, Ant, Bash, Git, Jenkins, Artifactory, Java EE (Servlet, JSP, JSTL, EL), Linux, Windows, MacOS

L3 Technologies - Torrance, CA

Jun 2013 - Feb 2014

Computer Engineer Intern

L3 is one of the top ten U.S. government contractors and employs 38,000 employees. The Torrance site is a leading provider of high-reliability satellite RF amplifiers and microwave electron devices for military, civilian, and commercial use.

- Accomplished automating lab software test data and feeding into proprietary issue and project tracking software. Created custom configuration for error tracking within software.
- Successfully designed, tested and implemented proof of concept web application using HTML, PHP and JavaScript to store and access test data on PostgreSQL database.

Technologies used: HTML, CSS, JavaScript, PHP, cURL, SQL, LabVIEW, JIRA

education

Bachelor of Science: Computer Engineering

California State University Long Beach

May 2015

Long Beach, CA

- Member of Tau Beta Pi & Phi Kappa Phi Honor Societies

personal projects

- Slack API reminder creator
- Solidity smart contract
- Hyatt award finder
- Ethereum Miner