

ALAN VILLA

4352 Hartle Ave Cudahy, CA 90201 | alanvilla919@gmail.com

alanvilla.com • www.linkedin.com/in/alan-villa

professional summary

Highly-talented, detail-oriented Software Developer with 4+ 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.

personal projects

- Spring MVC Hibernate application
- Slack API reminder creator
- Alexa Skill - Flash briefing (NodeJS)
- Hyatt award finder

work history

Northrop Grumman - Manhattan Beach, CA
Software Engineer II

Aug 2018 - Present

- Collaborate with other teams to design custom screens to aircraft maintenance application with custom logic that adheres to subsystem requirements.
- Design, test and debug custom reusable Scene Builder component with a custom skin that is required by other subsystems in the application.
- Created a message spoofer within our application to help with development of screens where data is not present to be able to develop and debug.
- Mentor and help to onboard new employees to our team as needed and also collaborate with other team members to transfer knowledge and provide support wherever required.

Technologies used: JavaFX, XML, FXML, JSON, Ant, Bash, Git, JIRA, Scene Builder, Linux, Windows

IBM - Austin, TX

Jun 2015 - Aug 2018

Staff Software Engineer (Jan 2018 - Aug 2018)
Software Engineer (Jun 2015 - Jan 2018)

- Designed, tested and debugged 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 frontend 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

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