

ELYSSA LEAL

PROFESSIONAL SUMMARY

Enthusiastic system engineer eager to contribute to team success through hard work, attention to detail and excellent organizational and communication skills. Clear understanding of changepoint management and error troubleshooting and training in web development technologies. Motivated to learn, grow and excel in system development.

WORK HISTORY

Software Engineer II, 06/2016 to Current

Samsung Austin Semiconductor - Austin, Texas

- Developed web application to combine alarm data from 5 monitoring sources into a single display, resulting in a 12.5% increase in operation support team efficiency.
- Tested troubleshooting methods, devised innovative solutions, and documented resolutions for inclusion in knowledge base for support team use.
- Taught quarterly classes regarding system monitoring structure and issue summary documentation procedures to new system members.
- Wrote shell scripts for daily maintenance activities, including database and table analyses monitoring.
- Improved existing monitoring scripts to correct coding errors, upgrade interfaces, and increase overall performance.
- Automated and implemented procedures for manufacturing systems that resulted in quicker recovery and minimized impact.
- Monitored debugging process logs and results to investigate causes of non-conforming software.
- Efficiently handled and served as a point of contact for any critical on and off shift issues as an Operations Control specialist for Systems and Manufacturing.
- Effectively communicated requirements and goals between different teams and departments both locally and overseas.
- Documented FAB and system operation related issues to follow through and create defense line improvements.

Intern, 05/2015 to 08/2015

Samsung Austin Semiconductor - Austin, Texas

CONTACT

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LINKEDIN

- <https://www.linkedin.com/in/elyssa-leal-692517188/>
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SKILLS

- Software Documentation
 - System development and administration
 - New employee mentoring
 - Web Development
 - React
 - Git
 - Javascript
 - HTML / CSS
 - Java
 - C#
 - SQL
 - Windows
 - Unix
 - Linux
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EDUCATION

Bachelor of Science, Computer Science, 05/2016

Texas State University - San Marcos, TX

- Minored in Applied Mathematics
- Notable coursework in Data Structures, Object-Oriented Programming, and Unix Programming

- Communicated with management to prioritize needs, resolve conflicts, develop content criteria, and determine solutions.
 - Evaluated code to ensure that it is properly structured, meets industry standards, and is compatible with browsers, devices, or operating systems.
 - Introduced and provided training on current department web page structure to allow for continued maintenance after internship was completed.
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Certificate, Web Development , 11/2020

University Of Texas At Austin - Austin, TX

A 24-week intensive program focused on gaining technical programming skills in HTML5, CSS3, Javascript, JQuery, Bootstrap, Firebase, Node Js, MySQL, MongoDB, Express, Handelbars.js & ReactJS.

Certificate, Human Factors And User Interface Design, 12/2020

University Of Texas At Austin - Austin, TX

Professional development completed in software architecture and psychology of human factors for user interface design.
