

EL

# Elyssa Leal

## Work History

### Samsung Austin Semiconductor - Software Engineer II

Austin, Texas

06/2016 - 03/2019 : Software Engineer I

03/2019 - Current : Software Engineer II

- 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.
- Created 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.

### Samsung Austin Semiconductor - Intern

Austin, Texas

05/2015 - 08/2015

- 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.

leal.elyssa03@gmail.com

(281) 650-7113

Pflugerville, TX 78660

## Skills

- Software Documentation
- System development and administration
- New employee mentoring
- Windows
- Unix
- Linux
- OSX
- Web development
- Git
- JavaScript
- HTML
- CSS
- Java
- C#
- SQL
- ReactJS

## Education

05/2016

**Texas State University**

San Marcos, TX

**Bachelor of Science:** Computer Science

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