

Julian Domingo

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Education

The University of Texas at Austin

B.S., ELECTRICAL AND COMPUTER ENGINEERING, MAJOR GPA: 3.5

- **Technical Cores:** Software Engineering and Design, Data Science and Information Processing

Austin, TX

May 2018

Employment

Amazon.com

SOFTWARE ENGINEER

- TBD

July 2018 - Present

Amazon.com

SOFTWARE ENGINEERING INTERN

- Developed a service to automate resolving commonly encountered trouble tickets through natural language processing
- Using multinomial Naive Bayes, text classification model categorizes tickets with an average 90% accuracy rate despite small training data sets
- Service can detect unrelated tickets and attempt to rectify incorrectly classified tickets, and resolved the bulk of scoped tickets upon deployment
- Technologies used: Java, S3, Apache OpenNLP, Mockito, internal Amazon APIs

Austin, TX
May 2017 to Aug 2017

Intel Corporation

POST SILICON VALIDATION INTERN

- Migrated chip validation testing to a C# platform with greater access to hardware interfacing
- Added processor logging features for a validation program made by a graduate intern
- Created a graphical user interface in Kivy for selection and loading of test programs for chip validation
- Developed Python scripts to automate manual testing procedures, reducing time costs for validation teams

Austin, TX
Oct 2016 to Apr 2017

Projects

Transient

GITHUB.COM/JULIANDOMINGO/TRANSIENT

- Working with a group, created an interactive web application that allows users to communicate in transient, private channels
- Written using JavaScript and vanilla HTML / CSS with Firebase backend services

Microcontroller Video Game

GITHUB.COM/JULIANDOMINGO/EE319K

- With a partner, designed from the ground up a "dungeon crawler" game in C through a microcontroller and won third place in a class of 50+ teams
- Allowed for the player to change rooms, added background music, and used double buffering to decrease stutter and tearing in image displaying

Academic Involvement

Codepath.com

TEACHING ASSISTANT - WEB SECURITY

- Lead weekly discussion sessions overviewing topics in web security
- Learn to use PHP, MySQL, and a variety of security tools in the Kali linux distribution through Docker containers

Austin, TX
Jan 2017 to May 2017

Skills

Languages

Java, Python, C, JavaScript

Web Development

HTML, CSS

Other

Git, Voltmeter, Oscilloscope, Soldering, Basic Circuit Building and Analysis