Julian **Domingo**

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Education

The University of Texas at Austin   *Austin, TX*
B.S., Electrical and Computer Engineering, Major GPA: 3.5   *May 2018*
- **Coursework:** Algorithms • Concurrent and Distributed Systems • Software Design and Implementation (C, C++ and Java Data Structures) • Software Testing • Introduction to Computing Systems (Assembly, Computer Architecture) • Introduction to Embedded Systems (ARM Assembly)

Employment

Amazon.com   *Austin, TX*
Software Engineering Intern   *May 2017 to Aug 2017*
- Developing a service to automate trouble ticket resolving through natural language processing
- Classification model correctly categorizes tickets with an average %90 accuracy rate
- Service capable of ticket anomaly detection and rectifying incorrectly classified tickets

Intel Corporation   *Austin, TX*
Post Silicon Validation Intern   *Oct 2016 to Apr 2017*
- 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

Projects

Chat Client
HTTPS://GITHUB.COM/JULIANDOMINGO/CHATROOM
- With a partner, developed a chat client in Java with socket programming using observer design pattern
- User could communicate with other users from different machines, privately message users, send emojis, login with a unique username, logout from the server, and see who is online real-time

Embedded Systems Game
HTTPS://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
- Implemented finite state machine for the player to change rooms, background music, and used double buffering to improve rendering quality

Selenium Test Suite Generator
HTTPS://GITHUB.COM/JULIANDOMINGO/EE360T/TREE/MASTER/PSET6
- Wrote a test suite generator to fulfill combinatorial coverage on a field-populated web page
- Generated test suite can be ran directly, displaying the test inputs real-time using Selenium

Academic Involvement

Codepath.com   *Austin, TX*
Teaching Assistant - Web Security   *Jan 2017 to May 2017*
- 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

Skills

Languages	Java, Python, C, PHP
Web Development	HTML, CSS
Other	Voltmeter, Oscilloscope, Soldering, Circuit Building and Analysis