Julian **Domingo**

713-628-6856 | julianadrianodomingo@gmail.com | juliandomingo.github.io | juliandomingo | juliandomingo

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 trouble tickets with an average 90% accuracy rate
- Service resolved the bulk of scoped ticket categories upon deployment

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