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   *Fall 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 Engineer Intern   *May 2017 to Aug 2017*
- TBD - Exports and Expansion Team

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 with the UI written in JavaFX

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

Language Parser
HTTPS://GITHUB.COM/JULIANDOMINGO/EE312/TREE/MASTER/PROJECT6
- Created C++ program which parsed input from a text file and handled integer instantiation and computation, output to console, conditionals, and while loops
- Handled integer computation statements in polish notation with expression trees

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