

Julian Domingo

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Education

The University of Texas at Austin

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

- **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)

Austin, TX

Fall 2018

Employment

Amazon.com

SOFTWARE ENGINEER INTERN

- TBD - Exports and Expansion Team

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

Chat Client

[HTTPS://GITHUB.COM/JULIANDOMINGO/CHATROOM](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](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](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

TEACHING ASSISTANT - WEB SECURITY

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

Austin, TX

Jan 2017 to Present

Skills

Languages

Java, C, Python, PHP, MySQL

Web Development

HTML, CSS

Other

Voltmeter, Oscilloscope, Soldering, Circuit Building and Analysis