

# Julian Domingo

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| 🏠 [julian Domingo.github.io](https://julian Domingo.github.io)

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## Education

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### The University of Texas at Austin

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

*Austin, TX*

*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

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### 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

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### Chat Client

**[HTTPS://GITHUB.COM/JULIANDOMINGO/CHATROOM](https://github.com/julian Domingo/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/julian Domingo/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/julian Domingo/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

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### 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 distro through Docker containers

*Austin, TX*

*Jan 2017 to Present*

## Skills

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<b>Languages</b>	Java, C, Python, PHP, SQL
<b>Web Development</b>	HTML, CSS
<b>Frameworks/Tools</b>	Bootstrap
<b>Other</b>	Voltmeter, Oscilloscope, Soldering, Circuit Building and Analysis