Julian **Domingo**

LOOKING FOR A PART-TIME INTERNSHIP IN SOFTWARE DEVELOPMENT DURING THE FALL 2017 AND / OR SPRING 2018 SEMESTER.

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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 (Java Concurrency, Cloud Computing), Software Design and Implementation (C/C++, Java, Data Structures), Software Testing, Introduction to Computing Systems (Assembly, Computer Architecture), Introduction to Embedded Systems (ARM Assembly)

Employment

Amazon.com   *Seattle, WA*
SOFTWARE ENGINEER INTERN   *May 2017 to Aug 2017*
- TBD

Intel Corporation   *Austin, TX*
POST SILICON VALIDATION INTERN   *Oct 2016 to Present*
- Integrated new testing functionality into validation testing codebase and developed a graphical user interface in Kivy to simplify selection and loading of tests
- Developed Python scripts to automate web scraping of HTML test logs, saving the data into easily traversed spreadsheets with external APIs
- Optimized script run-time efficiency, significantly reducing time costs for validation team

Projects

Personal Website
JULIANDOMINGO.COM
- Designed a website portfolio to gain experience in web development technologies
- Implemented JavaScript and JQuery to integrate a randomized background on load and an on-click button to display all backgrounds once before visiting an old background

Chat Client
HTTPS://GITHUB.COM/JULIANDOMINGO/CHATROOM-1
- 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 messgae 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, concurrent background music, and utilized double buffering to improve rendering quality

Academic Involvement

CodePath   *Austin, TX*
TEACHING ASSISTANT   *Jan 2017 to Present*
- For CodePath's Web Security Course
- Lead weekly discussion sessions overviewing topics in web security fundamentals, and assist students in assignments applying these fundamentals utilizing PHP and MySQL

Skills

Languages	Java, C, C++, Python, SQL, PHP, ARM Assembly
Web Development	HTML, CSS, JavaScript
Frameworks/Tools	jQuery, Bootstrap, BeautifulSoup, Kivy
Other	Voltmeter, Oscilloscope, Soldering, Circuit Building and Analysis