Levi Villarreal

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EDUCATION

University of Texas at Austin, BS/MS in Computer Science, 3.96/4.0 GPA   Class of 2022
- Coursework: Data Structures, Operating Systems, Algorithms and Complexity, Data Mining, Software Engineering, IT Design for Disabilities (grad), Information Retrieval (grad)
- Activities: International exchange program (KTH: Stockholm, Sweden), Hispanic Association of Computer Scientists professional development officer, ACM, Origami Circle officer, Rock Climbing Team

EXPERIENCE

Two Sigma Investments, *Software Engineering Intern*   May 2020 - Present
- Worked with the live trading environment team to automate compliance with SEC regulations
- Used React and Jersey to design and develop a full-stack web app used by portfolio managers

University of Texas Computer Science, *Teaching Assistant*   August 2018 - December 2019
- Led student discussion sections, held office hours and graded programming assignments for CS314 and CS303e
- Worked with CS students and non-majors to strengthen understanding of computer science principles

Google, *Software Engineering Intern*   May 2019 - August 2019
- Designed and implemented continuous end-to-end testing for the Firebase Performance web SDK
- Worked on the frontend team to rewrite the online console from AngularJS to Angular

Center for Media Engagement, *Technology Research Assistant*   September 2017 - December 2019
- Worked with researchers to design, develop and implement 7 web-based research experiments
- Developed and launched a complete redesign of the Center's custom WordPress website

Adobe, *Software Engineering Intern*   May 2018 - August 2018
- Worked on the QE team to develop automated end-to-end tests using a PHP Selenium webdriver
- Converted 36 Manual QA checks into automated functional tests to expedite regression testing

Microsoft, *Student Partner*   August 2017 - May 2018
- Designed and co-hosted 8 experiments/workshops for UTCS students and CS outreach events
- Workshop topics included Azure Machine Learning, Microsoft Bot Framework, and Ethereum blockchain

PROJECTS

Touchy Feely, *Designer and Developer*   April 2020 - May 2020
- Designed, developed and studied an emotion-centered haptic iOS messaging app

Button Hero, *Lead Developer*   March 2020 - April 2020
- Developed and studied a Bela based physical musical instrument designed for disabled children
- Later created a scalable web-based version of the physical instrument

MoodyHacks, *Lead Designer and Developer*   April 2018 - June 2018
- Planned, designed and developed a website for the first ever UT School of Journalism hackathon

AWARDS AND HONORS

Lockheed Martin Management Association: 3k Scholarship	June 2020
University of Texas Unrestricted Endowed Presidential Award: 2.5k Scholarship	May 2020
Robinhood Puzzle Hunt 1st Prize	August 2019
Hispanic Association of Computer Scientists Member of the Year	December 2018
Waxahachie Education Foundation: 10k Scholarship	June 2017
Eagle Scout Award	May 2017

SKILLS

Software	Java, C, HTML, SASS/CSS, SASS, PHP, JavaScript/TypeScript, SQL, Python, C++
Technologies	Git, Angular, React, Node.js, Firebase, WordPress, Selenium, x86 Architecture