

Ryan M. Matus

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EDUCATION

Santa Clara University

Sep 2018 – Jun 2021

B.S. in Computer Science — Completed in 3 Years

- Relevant coursework: Object Orientated Programming, Data Structures, Web Usability, Algorithms, Software Design & Management, Data Science, Programming Languages, Operating Systems

TECHNICAL SKILLS

- Proficient in C++, Java, Python, Git, web development (HTML, CSS, JavaScript, TypeScript, Node.js, Gulp.js, Sass)
- Familiar with Swift, Go, React, Angular, Linux, Smalltalk, SQL, Django

CREATIVE SKILLS

- Expertise in Adobe Photoshop, Illustrator, Figma, Sketch, Adobe XD
- Experience with Framer X, InVision Studio

PROFESSIONAL EXPERIENCE

Roos Instruments, Santa Clara, CA

Dec 2018 – Feb 2020

Software Engineer, Front-end

- Developed the front-end component for the Cassini RF tester utilizing React
- Updated website and modernized web components, cutting future deployment times in half

PROJECTS

Binoculars

Jan – Apr 2021

- Conducted user interviews on a content-sharing app where users make virtual watch and listen parties while under lockdown
- Implemented a prototype using Adobe XD and held user tests to advance onto an effective final design

Quarmate

Sep – Dec 2020

- Utilized React and Django to make a cross-platform mobile app which helped shared houses manage COVID-19 exposure
- Designed the front-end of the app allowing for easy user interaction to add housemates and guests, also logging visits and COVID-19 test results

ACCOMPLISHMENTS

Second Place at Chicago Hacks Hackathon

2017

- Created a beautiful weather app using Swift with intelligently unobtrusive weather change notifications
- Increased social impact by showing air quality and actions for reducing carbon emissions

LEADERSHIP

Santa Clara Theta Tau (Professional Engineering Fraternity)

Apr 2019 – Apr 2021

Webmaster & Rush Chair

- Led a team to organize rush events, garnering a 33% attendance and applications boost compared to the previous years
- Updated and prettified SCU Theta Tau's website design and layout for the hundreds of student visitors

Brotherhood Chair & Marketing Chair

- Led and coordinated online-only events which connected the fraternity while away from school
- Managed and created content for the chapter's Instagram and Facebook pages