Ryan M. Matus

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PROFESSIONAL EXPERIENCE

Northern Trust, Chicago, IL   **May 2022 – Present**
Senior Software Engineer, Front-end

- Built a new module for a legacy React web app managing hundreds of millions of dollars in wire transfers, then rewrote the app to extend features using a modern tech stack while matching crucial functionality
- Developed a React & TypeScript greenfield app for managing portfolio risk
- Crafted a React component library based on the needs of intrateam projects within the organization
- Created and managed pipelines for front-end and back-end application deployments

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

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

PROJECTS

Binoculars   **Jan – Apr 2021**

- Conducted user interviews on a content-sharing app where users make virtual watch and listening 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 an engaging weather app using Swift with intelligently unobtrusive weather change notifications
- Increased social impact by showing air quality and actions for reducing carbon emissions

TECHNICAL SKILLS

- Proficient in React, HTML, CSS, JavaScript, TypeScript, Node.js, Sass, Webpack, Storybook, Linux
- Familiar with Swift, Go, Smalltalk, SQL, Django, C++, Java, GitHub Actions, GitLab CI/CD

CREATIVE SKILLS

- Expertise in Figma, Adobe Photoshop, Adobe Illustrator, Sketch, Adobe XD