

SKY WAN

Software Engineer

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WORK EXPERIENCE

J.P. Morgan Chase & Co. New York, NY
Software Engineer Feb 2020 - Present

Collaborate with another developer to create an automated self-service application for monthly headcount and reporting using TypeScript, React, Redux, and Spring Boot

Utilize Highcharts and ag-Grid APIs to help F&BM users better visualize headcount, movement of resources, and offer familiar Excel functionality

Design and implement Oracle database schema with team members to manage firm's resource data

Lead scrum meetings with team and product owner to discuss story prioritization, scope feature requests, and plan for sprints

Conduct in-person and online interviews and remotely onboard new developers onto the team

Create low-fidelity wireframes of features and site assets using Balsamiq and Photopea

J.P. Morgan Chase & Co. Brooklyn, NY
Software Engineering Intern Jun 2019 - Aug 2019

Developed a full-stack web application using React and NodeJS to create a dashboard UI for tracking uptime & statuses of internal applications and API endpoints

Designed, modeled, and implemented database with MariaDB to manage the data of application dependencies, dependency groups, and statuses

Built a REST API using Express to access and manipulate dependency data within the database

Collaborated with team members to meet project deadlines and review pull requests for code quality

Felix Gray New York, NY
Software Developer Intern Jun 2018 - Aug 2018

Developed previous prescriptions feature using React and Redux to let users select past prescriptions during checkout

Collaborated with Creative team to design assets and layouts used for each project using Sketch

Implemented feature to display item status on product description pages, in email confirmation, and in checkout flow

SKILLS

Coding Languages JavaScript, TypeScript, HTML/CSS, SQL, C#, Swift

Libraries/Frameworks ReactJS, Redux, NodeJS, PixiJS, VueJS, SASS

Computer Software Photoshop, Illustrator, Sketch, Balsamiq, Xcode

Foreign Languages Cantonese, Mandarin

EDUCATION

Rochester Institute of Technology

Graduation Dec 2019, *summa cum laude*

Major New Media Interactive Development (BS)

Honors RIT Presidential Scholarship, Dean's List

PROJECTS

Pawprints *Full-stack Web Application*

Designed and developed social media platform for pet lovers using React and NodeJS

Implemented features such as account creation, login verification, password changes, profile picture and image uploads, and adding/updating posts

Stored account usernames & encrypted passwords, posts, and images in MongoDB schema

Embark *Senior Capstone Project*

Exhibited at Imagine RIT 2019 with a goal to inspire others to recognize and value diversity

Featured an interactive claw machine built using JavaScript, PixiJS, and GreenSockJS

Included physical buttons and a joystick, 5 levels of difficulty, animation for claw behavior, and screen transitions to enhance user experience

Attracted 700+ visitors to engage with the featured Embark claw machine over 1,000+ times