SKY WAN

Interactive Web Developer

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WORK EXPERIENCE

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

- Developed a full-stack web application using React and Node.js to create a dashboard UI used for tracking uptime and statuses of internal applications and API endpoints
- Designed, modeled, and implemented a 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 a team member to meet project deadlines and review pull requests for code quality
- Reported and presented to senior management regarding project progress and code base details

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

- Developed previous prescriptions feature using ReactJS and Redux to let users select past prescriptions during checkout
- Worked closely with Creative team to design assets and layouts used for each project using Sketch
- Unit tested previous prescriptions feature to improve code quality and performance
- Implemented feature to display item status on product description pages, in email confirmation, and in checkout flow

EDUCATION

Rochester Institute of Technology

Expected graduation Dec 2019

Major New Media Interactive Development (BS)

Minor Mobile development

GPA 3.89

Honors RIT Presidental Scholarship, Dean's List

SKILLS

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

Libraries/Frameworks ReactJS, PixiJS, VueJS, Redux, SASS, Cordova, Ionic 4

Computer Software   Visual Studio Code, Visual Studio, Photoshop, Illustrator, Sketch, Git, MySQL, Xcode, MariaDB, MySQL Workbench

Foreign Languages   Cantonese, Mandarin

PROJECTS

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 the Embark exhibit with the claw machine played more than 1,000 times

Snapshot   *Ionic Application*

- Developed using JavaScript and Ionic 4 framework
- Used the IBM Watson Visual Recognition and Nutritionix APIs to process an image and return nutritional data
- Allowed user to upload or snap a picture using the device's camera for image classification
- Displayed nutritional information of selected image, as well as previously analyzed images

Weather Tracker   *Interactive Web Application*

- Application developed in JavaScript and VueJS
- Used the OpenWeatherMap API to obtain current weather data from a specified location
- Utilized the Google Maps API to allow users to click on the map and view the location's weather
- Saved the user's most recent search using the Web Storage API