AndrewZaw.io

Full Stack Developer.
UI/UX Designer.

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experience

MissionFocus
June 2020 - Present

Dataspace Developer
Alexandria, VA

Overhauled UI/UX of a geospatial application for the Department of Defense by illustrating significant redesign mockups using **Sketch**, as well as building and integrating them in **Ember.js** and **TypeScript,** creating a more streamlined and intuitive approach for users.

Improved application by extensively testing releases, building/developing various new features in **Ember.js** and **TypeScript,** and debugging numerous issues, allowing for increased capabilities and functionality for users.

Enhanced code base within a SCRUM/Agile workspace by upgrading components to meet newer **Ember.js** standards, in addition to detailing and updating both internal and client-facing documentation, enabling a more productive work environment for coworkers.

Vancery
September 2019 - December 2019

Developer Intern
New York, NY

Enabled automated review of code base by introducing, designing and developing test scripts using **Selenium WebDriver** in **Node.js,** allowing for more efficient development of site.

Updated company database by scraping websites, gathering company data with **Python** and **Node.js,** and developing an algorithm for fuzzy name matching, allowing for better user experience through improved autocompletion.

Revamped appearance and usage of the website by debugging various features of the platform in **React.js,** improving user experience and site stability.

New York University
May 2017 - December 2019

Educational Technology Assistant
New York, NY

Improved development of courses in NYU by conducting UX/UI surveys and then developing/ designing the standardized course template now used by the department, resulting in more functional and more visually appealing courses.

Maximized student retention by redesigning and upgrading existing courses, such as an online Introductory **Python** course and a French literature course (Papiers-Mâchés) in **WordPress,** allowing for significantly better course functionality and student comprehension.

Guided students by building and designing new interactive NYU courses in **HTML/CSS,** giving learners new ways to digest and apply their knowledge.

skills

Frameworks and Languages

React.js, TypeScript, Ember.js, Node.js, Gatsby.js, Express.js, Python, HTML5/CSS3, Bootstrap 4

Applications

Sketch, Git, Adobe XD, Microsoft Office, WordPress, Adobe Captivate, Autodesk Revit

Certifications

Google Analytics

education

New York University
June 2020

College of Arts and Science
New York, NY

B.S. in Computer Science, Minor in Physics
Relevant Coursework: Agile Software Development and DevOps, Open Source Software Development

projects

ReleaseM

MongoDB, Express.js, React.js, Node.js

Web application that tracks music releases from your favorite artists utilizing the Spotify API, allowing users to organize, find and listen to new music. Developed in MongoDB, Express.js, React.js, and Node.js, deployed using Heroku and MongoDB Atlas Cloud.

CryptoWatch

HTML, CSS, JavaScript

Google Chrome Extension that allows users to manage their cryptocurrency portfolio by providing up-to-date price and change tracking through the CoinMarketCap API. Developed in HTML, CSS and JavaScript, deployed on the Chrome Web Store.

Rouxlette

MongoDB, Express.js, React.js, Node.js

Web application for hungry but indecisive people that locates nearby restaurants and eateries and randomly chooses five based on user preferences. Developed in MongoDB, Express.js, React.js, and Node.js.