



Catie Poggioli

Develop solutions that enable users to work with complex systems by simplifying workflows using ux lean and design thinking.

Portfolio
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Experience

Expedition Technology // UX Developer

May 2020 - Current

- Lead a team of twelve developers in implementing designs that reduce user frustration and improve user learning and discovery.
- Implemented end-to-end features of a storefront style repository of image and signal data with the use of **React, Javascript, TailwindCSS, SQLAlchemy, FastAPI and Python**.
- Advocated for needs of the machine learning community when developing user workflows through a combination of research, user personas, wireframing, and low-high fidelity prototyping using **Sketch and Storybook**.
- Improved reliability and security of code bases by writing unit tests and integration tests with **Jest, Cypress, and PyTest**.
- Scoped out project requirements from project managers into agile stories with clearly defined exit criteria for developers.
- Deployed product releases with the use of **Docker and Kubernetes** in test, pre-prod, and production environments.
- Ensures best security practices when researching, designing, developing, and deploying tools encompassing **TS/SCI** data.

Galahad Group // Software Engineer

January 2019 - January 2020

- Assisted in the research and development of novel ways to improve consumer workflows with NLP technologies.
- Developed and presented prototypes to clients that highlighted how ML solutions improve the user experience of client products.
- Leveraged NLP APIs like **Luis, Dialogflow, and Text to Speech** to create chatbots that automated the customer service experience.

Thomson Reuters // Software Engineer Co-Op

May 2018 - January 2019

- Increased company productivity and sprint planning by creating internal planning dashboard using **JQuery, Angular and Node.js**.
- Collaborated with a small team to quickly execute new features and improvements into test and production environments.
- Researched internal sprint and release planning workflows of scrum masters to identify new data visualizations.

Education

B.S. in Human Centered Computing

Rochester Institute of Technology

September 2017 - December 2020

Associates in Liberal Arts & Science

Union County Honors College

September 2015 - May 2017

Projects

pwnBoard // Data Visualization Tool

Figma / React / Python / MongoDB / UX

- Performed observational research to identify red team painpoints during cyber security training.
- Developed a data visualization solution to monitor threat access throughout the event.
- Enabled organizers to delegate tasks and provide a more immersive training experience.

unBurden // Packing iOS App

Figma / Swift / UIKit / Firebase / UX

- Analyzed popular applications in the camping industry and developed user personas to identify habits and unmet user needs of campers.
- Iteratively implemented an iOS application to provide management and deconfliction around shared packing and planning aspects of camping.

Hindsight // Note Tracking Web Tool

Figma / Flask / Python / CSS3 / NLP / UX

- Leveraged Natural Language Processing APIs to enhance user's note taking experience.
- Conducted normalization, entity parsing, and querying on stored journal entries.
- Designed and performed usability testing on responsive web and mobile prototypes.