

Eric Cortez

Software Engineer

(503) 567 -5093

ecrcortez@gmail.com

[Portfolio](#)

[Github](#)

[LinkedIn](#)

SKILLS JavaScript, Python, Flask, Sphinx, Conda, IPyWidgets, SQLAlchemy, Sequelize, Postgres, React, Redux, Git, Github, TDD, HTML5, SQL, OOP, Express, UIKit, SwiftUI, VSCode, CSS, JSON, NPM, Docker, Heroku, Node.js, AWS, REST

Projects

Facebook Open Source AEPsych - a Python package for adaptive experimentation in psychophysics.

Documentation Website (JavaScript, React/docusaurus, Python, Sphinx)

[live](#) | [github](#)

- Built and configured a Docusaurus website to render sphinx documentation.
- Wrote shell scripts to rebuild or redeploy the website documentation with one command.
- Collaborated with the SWE team and design team to select a color palette and design website logo.
- Created custom domain name allowing for easier accessibility for website users.

Visualization Dashboard (Python, IPyWidgets, Binder, AEPsych API, Jupyter notebook, Anaconda) [github](#)

- Created a visualization dashboard utilizing a Jupyter Notebook with IPyWidgets which allows users to interact with the AEPsych API without having to write any code.
- The dashboard allows users to upload and download sqlite database files through the implantation of reading and writing files to the disk using Python File Open.
- Gather feedback on application functionality from Researcher, Senior Developers, and Project Manager through an iterative process to add customized features to the visualization dashboard.

EDC|Gear

[live](#) | [github](#)

A clone of Instagram (JavaScript, React / Redux, Python, Flask, SQLAlchemy Alembic, Git, CSS3)

- Implemented a timestamp that converts UTC to milliseconds using the Date object to display the time elapsed since a post/comment was created.
- Created interactive custom modals to eliminate the need to redirect the user with the use of React context.
- Employed Amazon Web Services S3 Cloud storage to store and retrieve data needed to render images when a user creates a new post.
- Created custom buttons with CSS3 transition and transform effects that react to mouse hovers to enhance intuitive use.
- Implemented custom search functionality through the use of Redux by creating a search slice of state in the redux store and sending fetch requests to the flask backend and rendering all matching search results.
- Adhered to React and ES6 best practices to implement a single-page interactive and intuitive web app experience.

LodgeINN

[live](#) | [github](#)

Cabin hosting site (JavaScript, React / Redux, Express.js, Csurf, SQL, Heroku, Postgres, REST API)

- Used Redux to pass data across components and local storage to maintain state and form input values on refresh.
- Designed the UI of the application using JSX, CSS3, and incorporated whitespace with minimalist style for a modern design.
- Maintained user privacy with the use of BCrypt Hashing Function on the backend and Auth Routes on the frontend in order to prevent the storage of plain text passwords and restrict access to individual user features.

Experience

Frontend Developer II Meta (contract) - Insight Global Department May 2022 - Current

- Built an open source documentation website and data visualization tool for Facebook Research.
- Deployed internal web applications for conducting experiments and interactive data analysis.
- Managed source code effectively using github branching while adhering to the correct name conventions to ensure clean and organized code throughout the entire application.
- Participated in daily stand-ups to clarify progress, discuss goals and expectations, and iron out any current blockers with the team.
- Documented pull request to include a summary of features, tests, and installation instructions for code review.

Education

Full Stack Web Development - App Academy | Sept 2021 - March 2022

Eastern Gateway Community College | Coursework toward Computer Science Degree | Related Courses: Linux | Dec 2019 - June 2021

IT Support Professional Certificate | Fall 2020