

# Eric Cortez

## Software Engineer

(503) 567-5093 [ecrcortez@gmail.com](mailto: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.

## Experience

**Frontend Developer II Meta (contract) - Insight Global Department May 2021 - 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**