
Gabrielle Burgard

Software Engineer

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Skills

Languages: Python 3, JavaScript ES6+, PHP, Java, Rust, Typescript, SQL, HTML/CSS

Front-End: DOM manipulation, WebSockets, React, React Hooks, Bootstrap

Back-End: Django 4, PostgreSQL, MongoDB, FastAPI, RabbitMQ, Node.JS

System Design: Microservices, Domain-driven design, Message passing,

Event sourcing, Linux, Docker, AWS

Application Development Experience

- **Philhub** - Personal project (**Django, React**) - <https://github.com/Gsbirds/Philhub> March 2023
 - Engineered a website that uses Django and React to allow people to login, upload, view, favorites, and take notes on philosophy publications.
 - Utilized web sockets for connection between users.
- **Checkit** - Group project (**React, FastAPI, PostgreSQL**)
-<https://gitlab.com/team-dogge/module3-project-gamma> June 2023
 - Collaborated with a group to develop a website with React and FastAPI that allows users to search a particular fact or claim with Google's third party api and then save that claim.
 - The goal for this project was to provide transparency and simplicity for those wishing to factcheck claims and save them for easy access later.
- **Reproductive Health Policy** - <https://github.com/Gsbirds/reproductivehealthpolicy> April 2023
 - Personal project (**React, Django**)- Built a website that pulls from a third party API in order to give women information about reproductive healthcare based on their state.
 - Utilized websockets to allow users to chat if they have questions or need support.

Work Experience

Software Engineering Intern - Hack Reactor

July 2023

- At Hack Reactor I got the opportunity to help students with their code, teach them how to implement the new technologies they were learning, hold study halls to help them with CS concepts, be there for them on their software engineering journey, as well as work on the code for Hack Reactor's Student Information System.

Coalition Project Coordinator - Fort Bend Regional Council

2021- 2022

- Worked for a nonprofit that's goal is to reduce substance abuse in our community by providing help, counseling, community building, and education to youth and adults. I worked on our website (using Wordpress) and handled all social media marketing for our organization as well as some of the event planning, coordinating, grant writing.

Teaching Assistant (Graduate Assistant Fellowship) -University of Houston

2019-2021

- Worked as a TA for a class called "Minds and Machines" at the University of Houston, a philosophy class about the philosophy of the mind, cognitive science, and Artificial Intelligence.

Education

Champlain College | BS in Web Development/ Computer Science

2023

University of Houston | Masters in Philosophy of Artificial Intelligence

2021

University of Houston | BA in Philosophy

2019

Hack Reactor | Advanced Software Engineering Immersive Program

June 2023

Web Programming | Certificate

2022