

Gail Hobbs

Developer who is passionate about building elegant, artful applications. She is excited by tech tools that creatively engage local communities to come together and is based in the San Francisco Bay Area.

Education

University of California, San Diego (UCSD)
Mathematics-Scientific Computation, Bachelor of Science
Graduated 2020

Tech Stack

JavaScript
ReactJS
Python
HTML
CSS
SQL
Java
C / C++ / C#
R
Matlab
Azure
Docker

Libraries I enjoy

pandas
scikit-learn
TensorFlow

More

competencies

Git
Excel
Power BI
Power Automate
SharePoint

Experience

Flatiron School Software Engineering Bootcamp, Student

January 2023—May 2023

Inspired to build on React experience, I joined a comprehensive bootcamp tackling all fundamentals of the framework, as well as the Python framework Flask, and the creation of back end web APIs.

International Atomic Energy Agency, IT Innovation Engineering Intern

United Nations Office — Vienna, Austria

September 2021—September 2022

Responsible for rapid prototyping, proof-of-concepts, dashboard creation, and exploring the feasibility and scalability of new technologies for IAEA clients. My projects assisted with full stack development involving Azure, front end work on React applications, QA software testing for nuclear incident reporting, Power BI reporting and database management for coordinated research projects.

Qualcomm Institute at UCSD, Data Science Research Intern

University of California, San Diego — San Diego California

September 2019—March 2020

My team was responsible for researching model creation and measuring NGO impact on environmental initiatives. I catalogued features of NGOs and citizen-centric initiatives. I conducted analytics on gender-based solutions.

University of Copenhagen, Physics Data Analytics Researcher

University of Copenhagen, Copenhagen, Denmark

August 2018—December 2018

I completed masters-level physics/computer science curriculum with weekly numerical/data analysis projects in Python/MATLAB.

Instructor

San Bruno, California and San Diego, California

January 2016—July 2019, August 2016—December 2016

As a part-time tutor, I facilitated instructional sessions in a classroom setting for discrete mathematics and linear algebra students.

Personal Projects

DeepLearning.AI Tensorflow Developer Certificate (January 2021)

References available on request.