gbhobbs97@gmail.com
(650) 290-3960
Plum Profile
Personal Website

Gail Hobbs

Developer who is passionate about building elegant, artful applications. She is excited by tools that creatively build solidarity and engagement in local communities, and she is based in the San Francisco Bay Area.

Education

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

Flatiron School, Software Engineering Bootcamp
Graduating May 2023

Tech Stack

JavaScript
React
Python
SQL / SQLAlchemy
Alembic
Flask
HTML
CSS
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

Completing comprehensive full-stack bootcamp to build on React and back-end training (React + Flask applications).

International Atomic Energy Agency, IT Innovation Engineering Intern
United Nations Office — Vienna, Austria
September 2021—August 2022

Responsible for rapid prototyping, proof-of-concepts, dashboard creation, and exploring the feasibility and scalability of new technologies for IAEA clients. Assisted with serverless application workflows involving Azure, front end work on React applications, QA software testing for nuclear incident reporting, Power BI reporting and database management on SQL Server for coordinated research projects.

Qualcomm Institute at UCSD, Data Science Research Intern
University of California, San Diego — San Diego California
September 2019—March 2020

Responsible for researching model creation and measuring NGO impact on environmental initiatives. I catalogued features of NGOs and citizen-centric initiatives, and I conducted analytics on gender-based solutions, working extensively with Python using TensorFlow, pandas.

University of Copenhagen, Physics Data Analytics Research Intern
University of Copenhagen, Copenhagen, Denmark
August 2018—December 2018

Weekly numerical/data analysis projects in linear and nonlinear optimization, eigenvalue problems, partial differential equations, using Python/Matlab.

Tutor
San Bruno, California and San Diego, California
January 2016—July 2019, August 2016—December 2016

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.