

# Gail Hobbs

## 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 — August 2022

The Innovation Team is a team of software engineers 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, my job was to facilitate instructional sessions in a classroom setting for discrete mathematics and linear algebra students.

### Personal Projects

DeepLearning.AI Tensorflow Developer Certificate (January 2021)