

Fernanda Perez Gutierrez | Software Engineer

SKILLS

Human Languages | Bilingual, Multilingual, Spanish - Native Fluency, English - Native Fluency, French - Conversational Fluency

Computer Languages | Python, C, Javascript, HTML/DOM, CSS, SQL

Frameworks & Libraries | REACT, Flask, jQuery, Bootstrap, Jinja, Jasmine, Selenium

Database & Industry Tools | Git, Github, AWS, Wordpress

Tools/Software/Practices | MacOS, Microsoft Office, Salesforce, Chart.js, Agile/Scrum

EDUCATION

Hackbright Academy — Full Stack Software Engineering Bootcamp | **Dec 2022**

Case Western Reserve University — Masters in Computer Science Coursework | **In Progress**

Normandale Community College — Computer Science Program Coursework | **Fall 2021**

Gustavus Adolphus College — Bachelors in Biochemistry | **Jun 2019**

EXPERIENCE/PROJECTS

Latina Dev — Open Source Project Contributor | **March 2023 - Present**

AWS SES | AWS SDK | AWS SNS | Python

- Coordinated the implementation of AWS SES to provide future weekly/monthly newsletters
- Developed flow to handle AWS SES bounces and complaints utilizing AWS SNS to ensure a bounce rate below 5%
- Analyzed and compiled database options and coordinated Vercel sponsorship process for hosting and deployment

TRiO Joblist — Freelance | **February 2023 - Present**

Google Sites | Google Apps Script | JavaScript | Python | HTML/CSS

- Briefed client on website research, and made suggestions for website build
- Implemented automation processes using Python, saving 5+ hours of client's time weekly
- Translated designs and wireframes into high quality code using JavaScript, HTML, and CSS to boost engagement by over 15%

Hackbright Academy — Full Stack Software Engineer | **Sep 2022 - Dec 2022**

Javascript | Python | PostgreSQL | HTML/DOM | CSS | React | Git | Github | Command Line | AJAX | JSON | Flask | jQuery | Bootstrap | Jinja | Chart.js | AWS | Selenium | Jasmine | Agile/Scrum | Full-Stack Web Development

- Check out my Choro-Tracker Project video rundown [HERE](#) and see it on [Github!](#)
- Engineered a full-stack web development app featuring 200+ countries using global COVID-19 data api, Rapid API
- Integrated a locally-held, multi-table PostgreSQL database, which slashed data retrieval time from 10 minutes to under 1 second per SQLAlchemy query
- Designed a user-validation system featuring a dynamic Flask web-server
- Utilized JavaScript to retrieve user-driven changes and merged Chart.js software to update a global choropleth map
- Implemented unit testing to ensure the highest level of reliability and prevent errors throughout the web app development process
- Participated in daily scrum meetings detailing project progress and next steps
- Developed new features using the AGILE process and pair programming methods

Tucan Hauling and C.S. — Financial and Administrative Specialist | **Jan 2021 - Sep 2022**

Microsoft Office | Microsoft XLSX | Freshbooks Accounting Software

- Streamlined financial operations by leveraging Freshbooks and MS Excel
- Optimized the transition to cloud accounting platform Freshbooks, resulting in a 67% higher satisfaction rate
- Generated insightful financial data analyses enabling decisive management decisions

RBC Wealth Management — Technical Support Specialist | **Jan 2020 - Oct 2020**

FDR | CST | SAP | Salesforce | Visa Monitoring System | Microsoft Office | Microsoft Teams

- Diagnosed and solved technical issues, including account setup and network configuration
- Corresponded with 30+ shareholders daily on in-depth fund information while referencing FDR system
- Analyzed CST and Visa Monitoring Systems to support customer Bill Pay transactions