

# Fernanda Perez

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## EDUCATION

**Hackbright Academy School of Engineering** — 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 & Environmental Science | **Jun 2019**

**Relevant Coursework** — Discrete Mathematics (graduate-level), Algorithms and Data Structures in Java (graduate-level) Programming in C (undergrad)

## SKILLS

**Human Languages** — Bilingual, Multilingual, Spanish (Native Fluency), English (Native Fluency), French (Conversational Fluency)

**Computer Languages** — Python, C, Javascript, HTML/DOM, CSS, SQL, PostgreSQL, Java (~700 hours), PHP (~500 hours)

**Frameworks & Libraries** — React/JXS, Flask, Typescript, Node.js, jQuery, Ajax, Bootstrap, Jinja, Pytest, Jasmine, Selenium, Jest (~400 hours)

**Database & Industry Tools** — Git, Github, Linux, Unix Command Line, Shell Scripting, Bash, AWS (Lightsail, SNS, SDK, SES), Wordpress

**Tools/Software/Practices** — Visual Studio, MacOS, RESTful APIs, JSON, Microsoft Office, Salesforce, Chart.js, Zapier. Agile/Scrum

## RELEVANT EXPERIENCE

**Code the Dream** — **Advanced React Fellowship** | **May 2023 - Present**

React/JXS, JavaScript, Visual Studio, Technical Communication, Github, Gitflow

- Enrolled in a comprehensive React course to enhance proficiency in front-end development, gaining hands-on experience in building interactive user interfaces and single-page applications using React.js
- Demonstrated commitment to professional growth by independently undertaking a self-paced learning program for 20+ hours/week, mastering key React concepts, including state management, component lifecycle, and routing, while implementing best practices and industry standards

**Google** — **Lime Connect Foundations Fellowship** | **March 2023 - Present**

Leadership, Networking, Communication, Professional Development, Diversity and Inclusion, Problem-solving, Technology and Industry Knowledge, Self-Advocacy, Resilience, Teamwork

- Selected as a participant in the highly competitive Google Lime Connect Foundations Program, a prestigious initiative aimed at fostering the professional development and inclusion of talented individuals with disabilities in the tech industry
- Engaged in a comprehensive curriculum tailored specifically for program participants, attending workshops, networking events, and mentorship sessions, which significantly contributed to enhancing leadership skills, building a strong professional network, and gaining insights into the technology industry's best practices.

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

AWS SES, AWS SDK, AWS SNS, Python, Gitflow

- Check out the project on [Github!](#)
- 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** — **Full Stack Software Engineer Volunteer** | **February 2023 - Present**

Google Sites, Google Apps Script, JavaScript, HTML/CSS

- Briefed client on website research, and made suggestions for website build
- Implemented automation processes using Google Apps Script, 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%

**Girls Who Code** — **Autodesk, Inc. Technical Interviewing Bootcamp** | **March 2023**

Python, Visual Studio, Technical Communication, Pair Programming, Teamwork

- Pair programmed alongside 4+ senior software engineers at Autodesk, Inc.
- Crafted creative solutions and provided feedback to coding problems on a team of 6+ junior engineers and 2 senior engineers

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

Python, Javascript, PostgreSQL, HTML/DOM, CSS, React, Visual Studio, Git, Github, Command Line, AJAX, JSON, Flask, jQuery, SQLAlchemy, Bootstrap, Jinja, Chart.js, AWS, Selenium, Jasmine, Agile/Scrum, Full Stack Web Development, Agile/Scrum, RESTful APIs, Linux/Unix, Bash

- 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
- 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 with team members detailing project progress and next steps

- Developed new features using the AGILE process and collaborative pair programming methods
- Deployed fully functioning web app using AWS Lightsail Cloud Service

#### **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 alongside my team members, 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

#### **Allianz Life — Internal Audit Internship | Jun 2019 - Aug 2019**

OneTrust Audit Management Software, SAP Software, Microsoft Office

- Compiled audit data for use in detecting deficient controls, fraud, or non-compliance with laws, regulations, and management policies
- Examined financial data systems to implement controls and ensure system reliability and data integrity
- Audited over 300 company-wide policies and showcased a previously unperceived policy that proved critical to the success of a prospective audit

### **ADDITIONAL EXPERIENCE**

#### **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

#### **Entegris — Environmental, Health, and Safety Internship | Jun 2018 - Aug 2018**

ACTIO Chemical Management Software, Microsoft Office

- Spearheaded the development of a master chemical list utilizing XLSX, merging over 500 new entries for two locations
- Transformed the chemical documentation process by revamping old XLSX files to ensure a more streamlined submission to ACTIO
- Enhanced the stormwater inspection procedure and certified company adherence to EPA threshold levels

#### **Gustavus Adolphus College — Academic Resources and Enhancement Peer Associate | Jan 2017 - Jun 2019**

Microsoft Office, Communication, Emotional Intelligence

- Mentored peers on time management skills, provided college-wide course insights, and developed 100+ four-year-plans
- Collaborated with a team of students and faculty on projects such as updating course lists and descriptions, streamlining the organization's website, furthering the availability of accessibility tools, and spreading awareness of available resources

### **PROFESSIONAL ASSOCIATIONS**

Society of Hispanic Professional Engineers, Google Lime Connect, AnitaB, Girls Who Code, Women Who Code, Techqueria, Tribaja, Code the Dream, Latinas in Tech, Rewriting the Code, ColorStack, LatinoLEAD, Grace Hopper

### **SERVICE**

#### **Minnesota Immigrant Rights Action Committee — Advocate & Volunteer | Nov 2021 - Present**

- Facilitate campaigns while leveraging bilingual fluency to increase presence and awareness of human rights resources
- Support volunteer-led movements advocating in favor of legalization for all, an end to immigrant raids and deportations, an end to unjust anti-immigrant laws, and full equality in all areas of life

#### **Planned Parenthood — Event & Latinx Outreach Volunteer | May 2022 - Present**

- Assist in coordinating Planned Parenthood's event attendance with four other team members
- Translate medical infographic documents to Spanish and volunteered to speak at Planned Parenthood outreach events where a Spanish translator was necessary

#### **Twin Cities Pet Rescue — Foster Parent & Event Volunteer | Nov 2020 - Present**

- Foster over 15 kittens while providing love, nourishment, and a safe space
- Attend and helped plan adoption events at various locations around the Twin Cities

#### **Gustavus Adolphus College International Cultures Club — Co-President | Sep 2018 - May 2019**

- Implemented new ideas for intercultural events while maintaining a budget of \$3000
- Coordinated the annual International Festival, which had over 300 community members in attendance