Christina Schweipert

Software Engineer

christinaschweipert.com | github | linkedin

EXPERIENCE

Data Software Engineer @ Travelpassgroup
January 2022 - July 2022 // South Jordan, UT, remote

➤ Build data stream **pipelines** in a **Python Flask/ PostgreSQL** environment (internal, external)
➤ Train **Detectron2** model for image object recognition in **Databricks**
➤ **Clean** and **normalize** datasets
➤ **Analyze** data to improve customer retention
➤ Build test suites with **unittest**
➤ **AWS: S3, EC2, Lambdas, Kinesis**
➤ Collaborate and manage tasks with **Linear, Lattice** and **Notion**
➤ Visualize data with **Tableau**
Architecture: **Python/ Flask, PostgreSQL, AWS**

Student Software Developer Apprentice @ Techtonic
August 2021 - October 2021 // Boulder, CO, remote

➤ Complete tasks in an agile and test-driven full-stack development setting with JavaScript, React, Node.js/ Express.js, PostGreSQL, Cypress, and Jira.
Architecture: **React/ Typescript, Node.js/ Express.js, PostgreSQL**

Software Developer Intern @ foqal.io
May 2021 // San Francisco, CA, remote

➤ Write a **React/ Typescript/ GraphQL** frontend API to communicate with backend
➤ Built **React** components for navigation, login user, update user, and invite user
➤ Style components
➤ Test components with the **React** testing library and write unit tests with **Jest** and **Cypress**
Architecture: **React/ Typescript, GraphQL**

Air Quality Analyst @ Southern Ute Indian Tribe
February 2018 - June 2019 // Ignacio, CO

➤ Analyzed Air Quality data and created maps with **Python Pandas** and **Matplotlib**, and **Esri ArcGIS**
➤ Compiled biannual EPA Level II emissions inventory
➤ Informed stakeholders, EPA, the public, county governments, and the environmental commission about implementations of a tribal minor source program
➤ Organized stakeholder meetings and collected feedback to support decision making

PROJECTS

Horizon Real Estate Website - Real estate Website for a local Real Estate Agency. Built with **Python Django, PostgreSQL,** and **JavaScript**. Live | GitHub

Warbler - Twitter clone built with **Python Flask**, and **PostgreSQL**. Tested with **Jest**.
Demo | GitHub

Jobly - A job search site built with **React i**n the frontend and **Node/ Express** and **PostgreSQL** in the backend. GitHub FE | GitHub BE

SKILLS

Web Languages & Technologies:
JavaScript, TypeScript, HTML5, CSS3, Node.js, Tableau, Ersi ArcGIS

Libraries:
React, jQuery, GraphQL

Programming Languages:
Python

Frameworks:
Flask, Django, Express.js, Cypress

Databases:
PostgreSQL, MongoDB

Data Analysis tools:
Pandas, Matplotlib, Databricks, Jupyter, Tableau

EDUCATION

Rithm School
FEB 2021 - JUNE 2021
// San Francisco, CA, remote
Full Stack Web Development

University of Potsdam
MAY 2005 - OCT 2012
// Potsdam, Germany
M.S. in **Geoecology**
Thesis: Optimization of irrigation practice in an agricultural valley
// Jalisco, Mexico

LANGUAGES

Bilingual in **German** and **English**

INTERESTS

Mountain biking, surfing, backpacking, climbing mountains, skiing, snowboarding, traveling, gardening, Spanish