

Christina Schweipert

Software Engineer

christinaschweipert.com | [github](#) | [linkedin](#)

EXPERIENCE

Junior 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**

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**.

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**

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** in 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, Esri 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