Kyle Schneider

kvschneider.com | LinkedIn | GitHub | Blog

Location: Denver, CO

Email: kylesch115@gmail.com | Mobile: 7195020701

Software Developer

As a results-oriented software developer with expertise in **Python** and **JavaScript**, I have a proven track record of developing robust and optimized solutions. My experience with **NumPy**, **Pandas**, **React**, and **Flask** has enabled me to complete several front-end and back-end projects, including external API data fetching and research-focused projects using algorithms and data analysis. I bring a background in **math and science** to my approach, resulting in rigorous research and organization. I have the ability to quantify the impact of my work, such as automating tasks through scripting to save time or enhance accuracy by implementing thorough testing. As a **quick learner and curious investigator**, I can deliver noticeable results soon after beginning employment with little guidance.

Technical Skills

Languages	:	Python, JavaScript, HTML, CSS
Frameworks	:	Flask, React.js
Libraries	:	NumPy, Pandas, React Router, Styled Components
Databases	:	SQLite, SQLAlchemy, PostgreSQL
Dev Tools	:	Visual Studio Code, Git, GitHub, Bash

Projects

Chess   *React.js, Flask, Git*   Source Code
yoyo
- Designed a clean and modern website using **React**
- Built a server using **Flask** to support the front-end and handle chess logic

Math Thesis   *Python, NumPy, Matplotlib*   Source Code
- Developed research-focused **algorithms** using Python, NumPy, and Matplotlib
- Focused on **optimizing runtime** as calculations take hours/days
- **Presented research** finding to academic council

Video Game Browser   *React.js, CSS, Git*   Source Code
- A **CRUD application** that fetches data from an external API
- Implemented **Git for version control** to track changes and collaborate with team members
- Used **CSS** to create an attractive user interface and improve user experience

Education

Flatiron School   Boulder, CO
Full Stack Web Development, Python and JavaScript program   *Jan 2023 – Apr 2023*

University of Colorado   Boulder, CO
BA in Mathematics, magna cum laude, GPA: 3.84   *Aug 2017 – May 2021*
BA in Physics, GPA: 3.52

Coronado High School   Colorado Springs, CO
     Aug 2013 – May 2017

Experience

Data Analyst   Jan 2022 – Sep 2022
Private Company
- Worked on building a new product including testing old code/writing new code (**Python**), collecting and reviewing documentation, sourcing parts, and testing equipment.
- Lead weekly "Science Team" meetings, choosing discussion topics and presenting ongoing work.

Delivery Driver   May 2021 – Feb 2022
DoorDash   *Boulder County, CO*