Travis Southard
Software Engineer
Philadelphia, PA | 267-218-8639 | travissouthard@proton.me | travissouthard.com

---

Experience:

Element 84 (acquired Azavea) - Junior Software Engineer - Feb 2023-May 2023
- Developing geospatial applications for clients on an agile team. Contributing to projects built with React, Django, MapboxGL.js, PostgreSQL, Docker, Vagrant, and CI/CD tools like Github Actions.

Azavea - Software Engineer - November 2021-Feb 2023
- Developed geospatial applications for clients on an agile team. Contributing to projects built with React, Django, MapboxGL.js, PostgreSQL, Docker, Vagrant, and CI/CD tools like Jenkins.

- Apprentice Software Engineer - May 2021-November 2021
- Spent time with a mentor and cohort-members learning to contribute to geospatial applications by practicing on a solo project and contributing to some client work as well as dedicated study.

Code for Philly - PLSE Expungement Team Lead - February 2022-Present
- Leading a team of volunteers and communicating with the client and Code for Philly staff to develop an expungement petition generator with React, Django, PostgreSQL, and MySQL.

- Volunteer Developer - August 2020-February 2022
- Worked with a team of volunteers to help build and deploy the above expungement petition generator.

Urality - Junior Frontend Engineer - February 2021-May 2021
- Worked with a small team building a web-based app that offers community mapping tools to communities and businesses built with React Hooks, Mapbox GL, and deployed with Heroku.

General Assembly - Software Engineering Immersive - May 2020-August 2020
- Learned frontend and backend programming with React, Javascript, Node, Express, Python, Flask and deployed with Github Pages and Heroku.

Skills:

- HTML5
- CSS3
- JavaScript
- Bash Scripting
- React.js
- Express.js
- Node.js
- MapboxGL.js
- p5.js
- Python
- Django
- GeoDjango
- PostgreSQL
- PostGIS
- Docker

Other skills: Open source development, geospatial data design, object-oriented programming, version control, team-based collaboration, and team leadership

Past Experience:

Cycles PHL - Shop Manager - March 2017-September 2019
- Led a program offering tools, volunteers, and stands for adults to fix their own bikes.
- Planned, marketed, designed, and led weekend bike camping trips for 15 people of varying skills.

Bike & Build - Leader - May 2016-August 2016
- Co-led a team of 29 riders for a 4,000-mile cycling tour from Providence, RI to Seattle, WA.
- Organized shelter, build days, food, and logistics to get our team safely to Seattle while building homes in 13 cities as we rode across.

Education:

General Assembly - Software Engineering Immersive Remote - 2020