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

Experience:

Brooksource contracting at Comcast - Software Engineer – July 2023-present
- ○ Backend engineer working on an internal Comcast tool for planning and mapping coax and fiber cable infrastructure using Node.js, Express.js, MongoDB, and Unity.

Element 84 (acquired Azavea) - Junior Software Engineer - Feb 2023-May 2023
- ○ Developed geospatial applications for clients on an agile team. Contributed 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

* - Operations Lead - September 2023-Present*
- ○ Supporting teams and leadership team and focusing on volunteer onboarding and experience.

* - [PLSE Expungement](#) Team Lead - February 2022-Present (Member since August 2020)*
- ○ 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 - March 2023-May 2023*
- ○ Part of Launchpad 2023, worked with a team of volunteers to help build a geospatial web application designed for mobile devices that connects people in Philadelphia to spontaneous, comfortable third places. Built in React, Leaflet, Django, PostgreSQL, and PostGIS.

[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, and Python.

Recognitions:
- [Technical.ly RealLIST Engineers 2023](#)

Skills:

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