

# Travis Southard

## Software Engineer

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Software engineer with a background in video and media production, retail management, outdoor adventure leadership, education, and team leadership. Looking to build useful and beautiful applications that help people access the resources they need and help to improve their quality of life.

### Skills:

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|------------------|---------------|--------------|
| • 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.

### Experience:

#### *Azavea - Software Engineer - November 2021-Present*

- 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 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.

### 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.

#### *Freelance Video Producer - January 2015-August 2019*

- Wrote, planned, shot, and edited custom video projects both as a solo producer and with teams.
- Worked with a variety of clients including non-profits, businesses, and artists.

#### *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