

Addie Barron

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Experience

Recurse Center, Participant

Jun '21–Sep '21

- Developed my algorithms and data structures fundamentals in a group setting.
 - Attended daily Leetcode problem solving sessions using Python.
 - Worked through Jeff Erickson's *Algorithms* textbook.
- Studied Python and Javascript from the ground up; gained new skills & collaboration experience
 - Led a study group to work through and discuss *Think Python 2e*.
 - Attended weekly sessions studying and solving problems from *Eloquent JavaScript 3e*.
- Honed my full stack skills in projects using Svelte, Django, and Postgres
 - Expanded experience with Django; learned Django Channels and Django Rest Framework.
 - Built [pancake-demo](#): a no-JS responsive and accessible data visualization demo.
 - Started [community-garden](#): a real-time multiplayer gardening app using websockets. (WIP)

[Philly Community Wireless](#), Tech lead (Volunteer)

Aug '20–Present

- Collaborate with a multidisciplinary team on software, hardware configuration, documentation practices, network design, and organizational processes.
- Build and maintain a [website](#) with Hugo and a [docs site](#) with mkdocs; implement Spanish support for both

Bandcamp, Inc., Support Engineer

Sep '17–May '21

- Provided email support to users in every area of site functionality; triaged bugs and UX issues.
- Contributed data, QA, and support insights to 5+ shipped features including an a11y refactor.
- Built a sidebar in JavaScript to make payments data available from the ticket view.
- Streamlined and automated our ops by writing 10+ user-scripts and plugins for the help desk.
- Collaborated with developers and designers to fix a suite of bugs that caused users to be [deadnamed](#).

South Pole Telescope Group, Undergraduate Data Science Fellow

Jun '16–Sep '17

- Worked with a large Python data science pipeline and studied signal processing techniques.
- Wrote Python code to filter “lines” (hardware-induced frequency spikes) from telescope data.

Freelance web developer

Jun '16–Sep '17

- Built sites for four clients using Wordpress themes and web native technologies.

Education

The University of Chicago, BA in Physics, Jun '17

Dean's List (2013-2017), General Honors (Jun '17), GPA: 3.63 / 4.00

Skills & Tools

- Expert: JavaScript, HTML, CSS/Sass, Svelte
- Comfortable: Python, Docker, Django, Postgres, SvelteKit, Node, Git, Bash/Fish shell
- Conversant: NGINX, Apache, React, MySQL