

cbieber@alum.mit.edu
(617) 800-4398

Christalee Bieber
Brooklyn, NY

Homepage
[Github](#)

Summary: Flexible fullstack SaaS developer (Python, Javascript), experienced in health tech, looking for my next mission-driven role. Open to hybrid (NYC) and remote positions.

- Experience**
- Stellar Health** **New York, NY (remote)**
Engineer 2 7/21–3/24
- Migrated the patient summary, a core page visited by 1000s of daily users, from Django/JQuery to React.
 - Designed and implemented a printable patient summary, used by 60% of client offices, using Django/React.
 - Connected scheduling data to relevant action items, allowing bulk closure to save users ~10 clicks/action.
 - Wrote a service to create appointments based on action item activity, eliminating redundant data entry.
- Recurse Center** **Brooklyn, NY (remote)**
Participant 1/21–3/21
- Scraped (2/5 data sources), cleaned, and visualized the cost of beer, coffee, and bread on a world map, using Python/pandas, Leaflet.JS, and Chart.JS. Feature-complete, tests and bugs TBD. ([Github](#), [Site](#))
 - Revamped a PostgreSQL/Flask/React app for submitting compliments about fellow Recursers, including bugfixes, schema changes, and new UI components. ([Github](#))
- Lewis Rhodes Labs** **West Concord, MA (remote)**
Consultant 10/18–1/19
- Adapted marketing materials from PowerPoint to a modern web format, using Django & Wagtail CMS to allow flexible page layouts, hosted on Google Cloud for secure client review.
 - Wrote Python and JavaScript to consume and display realtime data from a hardware prototype via Redis.
- Workshop School** **Philadelphia, PA**
Technology Coordinator 9/13–6/16
- Deployed and maintained 200+ Chromebooks, 50+ iMacs, and 25 Windows desktops for students in a project-based interdisciplinary CTE (Engineering & Automotive) high school.
 - Spearheaded CS/tech education by teaching programming & web design; designing curriculum and teacher PD; mentoring student projects; advising the Computer Club; and organizing career exploration.
- Projects**
- [Advent of Code](#): An annual coding puzzle competition, with polished and annotated solutions in Python for 2016 and partial work in other years.
 - [buffer-adventure](#): A vampire slayer text-adventure game. Originally an excuse to review object-oriented programming in Python, now a way to try out static typing with [mypy](#) and regression testing/TDD.
 - [berrybasket](#): Datalogging and in-class data analysis for 5th & 6th grade students, exploring the heat retention in cardboard model houses. Presented at the Open Hardware Summit 2013.
- Education**
- Massachusetts Institute of Technology** **Cambridge, MA**
Bachelor of Science, Physics
- Computer Science:** Structure & Interpretation of Computer Programs; Circuits and Electronics; Signals and Systems; Computation Structures.