

AstridHecht Software Engineer

Former Scientist | LGBTQ Health, Personal Development, & Outreach

303-916-6354 | astrid.hecht.dev@gmail.com | <https://www.linkedin.com/in/astrid-hecht/> | <https://github.com/Astrid-Hecht>

Profile

Former scientist and LGBTQ+ coach turned back end software engineer. Fueled by intense curiosity, a desire to make connections, and an appetite for cracking problems and helping people with out of the box solutions. Discovered a passion in software development as a happy medium between the theoretical world of the academic and the hands-on approach of my hobbies as an amateur engineer and maker. Experienced with Ruby, Rails, Git, SQL, CSS, HTML, Java, and R. Currently picking up JavaScript, Tailwind, Docker and Python.

Skills

Ruby | Rails | HTML | CSS | Heroku | Agile Development | RSpec | SQL (Postgresql) | Git | GitHub | GraphQL | SOA
Data Analysis | LGBTQ Outreach | Astronomy | Biology | Field Geology | Biochemistry | Tailwind CSS | Bootstrap

Projects

DiscoverIt | Github: <https://github.com/DiscoverIt-2208> **Rails, JavaScript, & React | Feb 1 - 15 | 2023**

- Led a **cross-functional team of 7** in the development of a accessibility focused travel app with full back-end API + front-end UX **SOA** using **Agile Methodologies** a series of **3-4 day sprints**
- Implemented full suite of **GraphQL** queries and mutations to access local resources and **5+ external APIs**
- Won finalist spot in competitive app showcase **out of 6 other projects** for concept, design, and execution

lunch-and-learn | GitHub: https://github.com/Astrid-Hecht/lunch_and_learn **Rails | Jan 16-18 | 2022**

- Implemented comprehensive BE **API** with **service oriented architecture** that exposes 5+ endpoints
- Consumes four external APIs through services and facades to provide needed data to the FE
- Completed and tested to 100% coverage (including edge cases and error handling) within a 48hr deadline

viewing-party-lite | Heroku: <https://ah-viewing-party.herokuapp.com> **Rails | Nov 28 - Dec 2 | 2022**

- Deployed a movie watch-party site in a group of two that consumes & displays info sourced from movie api
- Refactored and debugged after initial deployment to better structure architecture and implement **pagination**
- Dynamically integrates API response into the front end & extensive use of **SQL, ActiveRecord, CSS, HTML**

Education

Turing School of Software & Design - April 2022 - March 2023

Back End Software Engineering, OOP, Ruby, Rails, agile development, architecture, dev empathy & user accessibility

University of Colorado Boulder - August 2016 - May 2021

Astronomy, Geology, and MCDB (Molecular, Cellular, and Developmental Biology)

Experience

Turing School of Software - Student of Back-End Engineering *Denver, CO | June 2022 - Present*

- Currently completing 25+ week long ACCT accredited back-end program Developed 20+ back-end focused projects and web-apps
- Served twice on Student Leadership Committee; developed community engagement initiatives with my team
- Exceeded expectations by simultaneously learning back-end curriculum & self-teaching front-end skills

Gender and Personal Development Consultant *Boulder, CO | 2019-2022*

- Founded a business that provided complimentary guidance and resources to newly out members of the trans community, as well as dedicated & flexible personal sessions for clients wanting in depth consultation.
- Spearheaded one on one consultations around:
 - Effective goal-setting & actualization
 - The science of transition and how to use that knowledge
 - Navigating medical hoops and red tape to receive medically necessary treatment
- Built and maintained strong, long-term connections with clients in order to provide tailored support

University of Colorado Boulder — Zero Waste Assistant *Boulder, CO | 2019*

- Successfully created and executed sustainability plans for campus events.
- Worked with a team to develop and implement a complex workflow that ensured the maximum amount of waste ended up recycled or composted.
- Operated heavy machinery safely and disposed of hazardous waste correctly.
- Maintained an organized system to catalog waste for sales purposes.

University of Colorado Boulder — Research Assistant *Boulder, CO | 2018*

- Analyzed biochemistry of 200+ ancient arctic lake-bed sediments in order to reconstruct the surrounding paleoclimate.
- Prepared, packaged, extracted, and isolated molecules for analysis while maintaining data integrity
- Ensured the maintenance a safe lab environment
- Disposed of hazardous materials safely