Laura Turner

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EDUCATION

Bachelors of Arts and Physics Major *Expected May 2023*

University of Colorado Boulder, Boulder, CO
- Minors: Computer Science, Mathematics
- Learning Assistant for Intro to Astronomy & Stars and Galaxies
- Clubs: COSMOS, CU Prime, Google Developer Student Club
- Relevant course work: Software Development Methods & Tools, Data Structures, Object Oriented Analysis and Design, Quantum Physics, Cryptography

Computer Science GPA: 3.74 / 4.0
Cumulative GPA: 3.11 / 4.0

ACADEMIC PROJECTS

Project Manager & Software Developer, Deploy Solution's Hackathon & Website *CU Boulder*   *September 2022 - December 2022*
- 8 week-long project working alongside Deploy Solutions to design, organize, and host a Hackathon for Citizen Scientist. Was also expected to create a landing-page for the website of the Hackathon.
- Co-led the Hackathon creation with agile framework in Asana alongside weekly meetings in Microsoft Teams.
- Employed HTML, CSS, GIT, and GitHub to create landing page to showcase important dates and links for the Hackathon.
- Gained insight on communication, project management, and teamwork within the corporate environment.

Project Manager & Software Developer, Software Development Team Semester Project *CU Boulder*   *January 2022 - April 2022*
- Semester long project to develop a website allowing students to organize their schedules and assignments, highlighting methods studied in Software Development and Project Management.
- Utilized HTML, CSS, GIT, GitHub, Javascript, Linux, PostgreSQL, Node.js, JQuery, AJAX, Axios, AWS RESTful APIs, Heroku, Mocha Automated Testing, and Chai Automated Testing to develop various aspects of the website.
- Responsible for leading the project and team using agile framework in Jira as acting Scrum Master.
- Learned impactful lessons in leadership, teamwork environment, project management, and favorable software practices.

Circuit Designer, Electronics for Physical Sciences Final Project *CU Boulder*   *August 2021 - December 2021*

- Designed and built a Weather Station measuring and displaying current Temperature and Humidity, alongside a partner using newfound knowledge of circuits as a 4 week-long final project.
- Practiced Fritzing Software for circuit design, and operating Arduinos, Light-emitting Diodes, & Liquid-crystal Display Screens for construction.
- Discovered the understanding and collaboration needed to design, fabricate, and analyze complex circuits.

TECHNICAL SKILLS

- Programming Languages: C++ | JAVA | Javascript | SQL | Rust | Python | Mathematica | Julia | LaTeX
- Software: GitHub, Jira, Asana, Docker, Visual Studio, Microsoft Office Suite (Word, PowerPoint, Excel, and Teams), Google Drive (Docs, Sheets, Slides), Fritzing, Jupyter Notebook, Zoom, Discord, Slack
- Skills: HTML, CSS, GIT, Node.js, JQuery, AJAX, Axios, RESTful APIs, Mocha & Chai Automated Testing, Object Oriented Programming, Data Structures

EXPERIENCE

Learning Assistant, Astronomy Department at the University of Colorado: Boulder, CO   *January 2019 - December 2019*

- Taught and led alongside a Professor and Teaching Assistant within the Introduction to Astronomy (ASTR 1010) and Stars & Galaxies (ASTR 1200) labs and lectures.
- Facilitated student discussions to encourage learning and participation during various structured lab and classroom activities, within classes ranging from 20 to 200+ students.

- Hosted regular Office hours and help room sessions to provide resources and knowledge to students to aid in obtaining good study habits.

Barista, Starbucks: Broomfield, CO   *June 2019 - October 2019*
- Greeted customers and enhanced customer experience through communication and positive interactions to facilitate brand loyalty.
- Replenished and properly labelled frequently used ingredients, pastries, goods, and utensils to ensure efficient preparation.
- Aided the crew during high volume orders and peak operation hours, through taking customer's orders, communicating to the other baristas, and assembling of requests.

Brand Associate, Old Navy: Broomfield, CO   *June 2018 - August 2018*
- Unpacked and restocked storefront before opening, such as to further customer satisfaction and ease of store operation.
- Maintained atmosphere and cleanliness of the store to ensure customer and worker safety.
- Provided advice and assistance to customers to enhance and encourage customer loyalty.