

# CHRISTOPHER (CHRIS) MARSTON

COMPUTER SCIENCE STUDENT

**GitHub** (KrisAirdancer): <https://github.com/KrisAirdancer>

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**Portfolio Site**: <https://csmarston.com/>

## EDUCATION

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**BS Computer Science** – University of Utah, Salt Lake City, UT

**January 2021 – Present**  
(planned graduation May 2024)

**BS Anthropology** – University of Utah, Salt Lake City, UT

**August 2014 – May 2019**

## WORK EXPERIENCE

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**Bluestaq** – Colorado Springs, Colorado

> Secure data management for classified and unclassified data.

*Software Engineering Intern*

*June 2023 – August 2023*

- Developed Groovy (Java) scripts to validate ingested data against the CDM data standards and to deliver human-readable error responses to data providers. (data ingested into the UDL - a large group of databases)
- Refactored data processing scripts to use updated Java data objects for data parsing and storage.
- Tested and debugged customer facing APIs and UI.
- Technologies: Java, Groovy, NiFi, Postman, & REST APIs.

*Full-Stack Web Development Intern*

*June 2022 – August 2022*

- Developed a web-based secure file transfer web portal for transferring files between internal and external users using JavaScript, Vue.js, and Node.js.
- Technologies: JavaScript, Node.js, & Vue.js with a sprinkling of HTML, CSS, AWS S3, & Docker.

## PROJECTS

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### **Vidya Intarweb Playlist Clone** – HTML, CSS, JavaScript, and JSON (2022-2023)

- A clone of an online video game music audio player with a relatively unique UI.
- Links:
  - Demo: <https://krisairdancer.github.io/vidya-clone/> Original: <https://www.vipvgm.net/>
  - Repo: <https://github.com/KrisAirdancer/vidya-clone>

### **Vidya Intarweb Playlist Clone** – JavaScript, Node.js, HTML, CSS, and NginX (2022-2023)

- A personal website and blog built with Node.js and running on my Raspberry Pi with an NginX proxy.
- Links:
  - Repo: <https://github.com/KrisAirdancer/krisairdancer-dot-com>

### **Legos Through the Ages** – HTML, CSS, JavaScript, and D3.js (2022)

- A data visualization website showcasing how Lego sets have changed between 1949 and 2022 built as a final project for Visualization for Data Science (CS 4630).
- Project voted “[top 4 best projects of 2022](#)” by the course professor and teaching staff.
- Links:
  - Demo: <https://krisairdancer.github.io/6630-lego-set-visualizer/> (~10 seconds to load data)
  - Repo: <https://github.com/KrisAirdancer/6630-lego-set-visualizer>

## OTHER WORK EXPERIENCE

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## **Salt Lake Recruiters** – Salt Lake City, Utah

> Sourcing and placing talent for technology and engineering companies across the USA.

### ***Technical Recruiter***

***May 2019 – December 2020***

- Develop and execute a marketing plan to generate new business for the firm.
- Negotiate contracts with prospective client companies.
- Present new candidates to existing clients and provide clients with updates on candidates in the interview process.
- Source and interview candidates for openings at client companies.
- Work with prospective candidates to find the right position for their skillset.
- Act as an intermediary during candidate-client employment contract negotiations.

## **Center for Global Surgery** – Salt Lake City, Utah

> Seeks to improve access to safe, effective, and affordable surgical care around the world.

### ***Podcast Development & Scheduling Intern***

***January 2019 – May 2019***

- Generate interview leads for Surgical Circle podcast.
- Schedule and conduct interviews for the Surgical Circle podcast.
- Conduct and record podcast interviews.
- Edit and cut together audio recordings into a finished podcast episode using Adobe Audition.
- Schedule meetings for the Center for Global Surgery team via email.

## **Eaton Alliance** – Salt Lake City, Utah

> Provides care for youth and adults with mental and physical disabilities in group homes.

### ***Direct Care Staff***

***May 2017 – August 2017***

- Encourage clients to engage in socially appropriate behaviors
- Ensure client safety in their home and on outings
- Assist clients in taking their medications on time and in the appropriate manner
- Assist clients in building quality relationships with members of the community

## **Vickers Lab** – Salt Lake City, Utah

> Entomology (the study of insects) lab researching the neurology and behavior of moths and mosquitos.

### ***Lab & Research Assistant***

***April 2017 – May 2019***

- Design exploratory study on the effects of atmospheric turbulence on female mosquito behavior.
- Deploy experimental equipment in the field and monitor data recording.
- Analyze and distill data from research study and present findings at a symposium.
- Create mating colonies with egg collection sheets for moths to lay eggs.
- Transfer moths from emerging jars to mating colonies.
- Collect, process, and store previous week's egg sheets in preparation for hatching.
- Sort pupae by sex before populating new emerging jars with pupae.
- Clean/sanitize fume hood, work bench, and equipment.

## **Community Nursing Services – Salt Lake City, Utah**

> Provides high quality end of life care to the unique individuals of our community.

### ***Hospice Volunteer***

***July 2016 – October 2019***

- Provide respite to patients' family members
- Provide company to patients whose family is unable to visit often
- Assist patients on walks and in other activities

## **Jordan High School Mountain Biking Race Team – Salt Lake City, Utah**

> Teach HS students the skills needed for a life of safe and rewarding riding.

### ***Volunteer Mountain Biking Coach***

***June 2012 – November 2017***

- Work with the Head Coach to plan and lead team rides/practices.
- Teach new riding skills to student riders.
- Teach bicycle maintenance skills to student riders.
- Advise riders on bike and gear selection.
- Respond to and solve mechanical problems on the trail.
- Handle injuries using wilderness first aid training.
- Set up tents and bike racks in the pit zone for races.
- Support the Head Coach during races to ensure student athletes perform at their best.