Luke Schreiber

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# Professional Summary

Passionate and curious data science student proficient in full stack development, data analytics and visualization with recent interests in bioinformatics. Several years of experience in multiple programming languages. A clear communicator and collaborator with years of customer service experience.

# Education

**Honors Bachelor of Science: Data Science** Expected 12/2024

*University of Utah Honors College – Salt Lake City, UT*

* Created several projects in software development
* Coursework in Software, Data Visualization, Stats, Math, etc

# Skills

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| --- | --- |
| * Experience in Python, Node.js, JS, Java, C#, HTML, CSS, Angular, Typescript, R, SQL, etc. * Web Development in D3, Vue, asp.net. API Familiarity * Data Analysis in Java, Python, SQL, R, Tableau, Excel * Familiarity with AWS   **Experience** | * Communication and DevOps using   Git, Colab, Jira, Jupyter   * Cell Microscopy Pipeline Experience * Adobe Creative Suite, Microsoft Office * Visual Art and Video Editing |

## Software Engineer

*Scientific Computing and Imaging Institute - University of Utah*

08/2024 to Present

* Hired to continue full-stack development of cancer cell visualization software for Huntsman Cancer Institute
* Building intuitive web components in typescript for researchers to visualize cell data based on drug treatment

## Software Engineer Intern

*Visualization Design Lab - University of Utah*

Summer 2024

* + Developing a cutting-edge cancer cell visualization software for Huntsman Cancer Institute
  + Implemented scalable cross-filtering for researchers to seamlessly filter on millions of data points
  + Highly competitive internship, chosen from 60+ applications nationwide

## Audio Visual Technician

*UCL Digital Learning Technologies – University of Utah*

03/2023 to 05/2024

Helped hundreds of staff and professors with on-call IT support, AV setup, troubleshooting and repairs

# Awards

**Juror’s Choice Award** – *48th Utah State High School Art Show* 02/2020

* + - Eight Selected out of 2000 entries, awarded Masters Academy of Art Scholarship

**Eagle Scout Award** – *Boy Scouts of America* 10/2019

* + - Environmental project with Dimple Dell Preservation Community, gathered thirty volunteers over to restore a historic orchard by clearing invasive grass, supporting trees, providing water, etc.

# Service

## Homeless Shelter Volunteer

* + - Serving homeless shelters through St.Vincent De Paul in SLC and Oakland, CA