

# Jared Jewell

Boulder, CO | jewellcommajared@gmail.com | github.com/yairdyule

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## Education

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**University of Colorado Boulder**

**B.A. Computer Science**

Minor: **Philosophy**

Major Specific GPA: **3.56**

Cumulative GPA: **3.67**

### Awards and Honors

- **Dean's list** | CU Boulder
- **Chancellor's Achievement Scholarship** | CU Boulder

Awarded Fall 2020, Spring 2021

Awarded Fall 2018

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## Technical Skills

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- Javascript, C++, Python, Go, Lua.
- SQL, NoSQL databases.
- Git Version Control System.
- Cloud-hosting services: Heroku, AWS.
- Unit-testing frameworks (Mocha, Chai).
- React, Nextjs.
- Node and Express.
- (Neo)vim.

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## Work Experience

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**Course Assistant — Algorithms**, *University of Colorado Boulder*

Jan. 2021 - May 2021

- Provided support for student comprehension of various topics, including algorithmic time & space complexity, dynamic programming, graph traversal methods, and other algorithmic strategies.
- Flexibly adapted to the demands of a challenging remote environment by holding remote office hours to help students grasp complex topics.

**Teaching Assistant — Data Structures**, *University of Colorado Boulder*

Aug. 2020 - Dec. 2020

- Designed, prepared, and delivered weekly lectures to over 30 accelerated, first-year students on various data structures including Hash Tables, Binary Search Trees, and Min-Max Heaps.
- Adapted lecture modalities to adhere to changing university guidelines during the pandemic.
- Dialogued with senior lecturer to mitigate the difficulties inherent to a remote learning environment.

**Course Assistant — Data Structures**, *University of Colorado Boulder*

Jan. 2020 - May 2020

- Hosted individual and group office hours to encourage a thorough comprehension of data structures.
- Remained in constant dialogue with senior instructors to help gauge student comprehension.

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## Project Experience

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**Full-stack Developer — Vynilla**

Jan. 2021 - Present

- Full-stack social media web application which utilizes Spotify's API to unite music listeners and facilitate music-sharing between friends.
- Employs OAuth2 authorization flows to access sensitive user information.
- Built with MySQL, Node, Express, and Handlebars.

**Developer — Cirgraydian**

Jan. 2021

- Python program to automatically enable a grayscale color filter on macOS, using pyAutoGui.
- Reduces circadian rhythm disruption and eye strain from blue light exposure in the evening.