

## Duncan Britt

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Denver, CO

### Objective

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Computer Science student seeking summer internship. Especially interested in aerospace and scientific computing. Open to all opportunities.

Portfolio website: <https://bit.ly/33YNmMy>

### Education

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#### Arapahoe Community College

- **Computer Science Major**
- **4.0 GPA**
- Expected Graduation: May 2023
- Relevant Courses: Computer Science 1 & 2, Computer Architecture & Assembly Language, Calculus 1, 2, & 3, Discrete Mathematics, Physics 1 & 2.
- Intend to transfer to CU Boulder (admitted)

### Skills

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**Programming Languages:** Proficient in C++, C, JavaScript, and Ruby. Familiar with Go, Python, OCaml, and MIPS Assembly Language

**Other Tools:** The DOM, Sinatra (web framework), basic PostgreSQL, basic git, HTML & CSS

### Relevant Experience

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#### Lead Programmer - ACC Robotics Team

Funded by NASA's Colorado Space Grants Consortium, working to build an autonomous mobile robot.

#### Developer: School Assignment Tracker - <https://bit.ly/3NHITVY>

Capstone Project for Computer Science II in C++. To-do list application with query language interface.

#### Developer: Templating language for frontend web development - <https://bit.ly/3tGgjYl>

Designed the language, implemented the compiler, (lexer, parser, code-generator), and API using JavaScript. Created the documentation website for Splice using Splice.

#### Developer: Software-Generated Word-Ladder Puzzles, Web App – <https://bit.ly/3nFnR39>

Implemented the full stack including the generation of puzzles, account creation, deletion, login/logout, public leaderboard, and lazy-loaded account history of previous solutions. Used Sinatra and PostgreSQL for the backend.

#### Math & Physics Tutor at Arapahoe Community College