Duncan Britt

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Denver, CO

Objective

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

Portfolio website: **https://bit.ly/33YNmMy**

Education

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

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

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