

DUNCAN BRITT

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SUMMARY

Computer Science student seeking summer internship. Open to all opportunities. Website: **duncanbritt.com**

EDUCATION

Arapahoe Community College

Expected Graduation: May 2023

Computer Science Major - 4.0 GPA

Littleton, CO

Relevant Courses: Computer Science 1 & 2, Computer Architecture & Assembly Language, Calculus 1, 2, & 3, Discrete Mathematics, Physics 1 & 2.

Transferring to a local 4-year University in Fall 2023.

TECHNICAL STRENGTHS

Computer Languages

Proficient in C++, C, JavaScript, Ruby, HTML.

Protocols & APIs

Familiar with Python, Go, Scheme, OCaml, CSS, and MIPS Assembly Language

Databases

The DOM, HTTP

Tools

PostgreSQL

Other

Git, Emacs

Basic Soldering

EXPERIENCE

ACC Robotics Team

October 2022 - Present

Lead Programmer

Littleton, CO

- Funded by NASA's Colorado Space Grants Consortium, working to build an autonomous mobile robot.
- Write, analyze, review, and rewrite programs, applying knowledge of computer capabilities and robotics.
- Compile and write documentation of program development and subsequent revisions, inserting comments in the coded instructions so others can understand the program.
- Assign, coordinate, and review work and activities of programming personnel.
- Train subordinates in programming.

Arapahoe Community College

August 2022 - Present

Math & Physics Tutor

Littleton, CO

- Provide private instruction to individual and small groups of students to improve academic performance.
- Review class material with students by discussing text, working solutions to problems, and reviewing assignments.
- Teach students study skills, problem-solving skills, and test-taking strategies.

Third & James Recording Studios

November 2018 - September 2021

Audio Engineer

Denver, CO

- Trained interns in Audio Engineering.
- Recorded music and speech on recording media, using recording equipment.
- Conferred with producers, performers, and others to determine and achieve the desired sound for a production.
- Set up, tested, and adjusted recording equipment for recording sessions and live performances.
- Identified equipment problems and adapted to them during recording sessions.

PROJECTS

School Assignment Tracker

Developer

July 2022

Littleton, CO

- Capstone Project for Computer Science II in C++. To-do list application with query language interface.
- <https://bit.ly/3NHtTVY>

Software Generated Word Ladder Puzzles, Web App

Developer

January 2022

Littleton, CO

- Implemented the full stack including the generation of puzzles, account creation, deletion, login/logout, public leaderboard, and account history. Used PostgreSQL.
- <https://bit.ly/3nFnR39>

Templating Language for Frontend Web Development

Developer

January 2022

Littleton, CO

- Designed the language, implemented the compiler, (lexer, parser, code-generator), and API using JavaScript. Created the documentation website using the language.
- <https://bit.ly/3tGgjYl>

Tic-Tac-Toe

Developer

September 2021

Littleton, CO

- Developed using the Ruby programming language.
- <https://github.com/Duncan-Britt/Tic-Tac-Toe#readme>