Duncan Britt

dbru997@gmail.com

Denver, CO

On my portfolio website: **https://bit.ly/33YNmMy** you'll find in depth explanations of my highlighted projects, source code, other technical writing, and more.

Education

Bachelor of Science in Computer Science: In Progress

I'm currently attending Arapahoe Community College and intend to transfer to the University of Colorado this coming Spring. I have a 4.0 GPA.

Littleton High School, Graduated 2016

Experience

Developer: Splice: A templating language for front end 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 solution. Used Sinatra, ERB, and PostgreSQL for the backend.

Other Developer Experience: Command line To-Do List App, In-browser Etch-a-Sketch, Command-Line Tic-Tac-Toe, Mastermind Board Game Codebreaker, Shortest path finder for a knight on a chess board, Balanced Binary Search Tree, Doubly Linked List, Emulated Rotor Cipher, and many more small projects.

Skills

Programming Languages:

    C++, JavaScript, Ruby

Other Technologies & Tools

    The DOM, Sinatra (web framework), basic PostgreSQL, basic git, HTML & CSS