

Broderick Schmidt

broderickschmidt9@gmail.com

EDUCATION

University of Colorado

Bachelor of Arts, Computer Science

Majored in Computer Science with a minor in Creative Technology and Design.

Aug 2020 – May 2024

Boulder, CO

LANGUAGES

Python | Java | C | C++ | C# | HTML/CSS | JavaScript | Swift | Scala | SQL | NoSQL | Assembly | MatLab

PROJECTS

ARCANE

2023

Dungeon Game Simulation

Designed and coded a dice-based dungeon game using object-oriented principles.

Written in Java.

BuffBooks

2023

Textbook Reselling App

Built a fully functional textbook reselling app using Google Books API.

Written in Swift.

Mancala.ai

2023

Mancala AI Agent

Developed a formidable AI agent to win any game of Mancala through a minimax utility function with alpha-beta pruning.

Written in Python.

Polygon Generator

2023

Language Interpreter

Used functional programming techniques to write an interpreter to parse and compile code to generate and manipulate polygons.

Written in Scala.

Risk

2023

Interactive Game

Replicated the classic game of Risk with user input, computer players, and a GUI.

Written in Java.

Roomble

2022

Roommate Matching Site

Collaborated as part of a full-stack development team to develop a fully functioning online roommate matcher with customizable preferences and a database.

Written in HTML and Javascript.

PROFESSIONAL EXPERIENCE

Sforno Trattoria Romana

May 2021 – present

Manager/Server/Bartender

Boulder, CO

- Managed, served, and bartended in an upscale Italian restaurant.
- Personally sold over \$210,000 per year, leading all servers each year in sales.
- Guided operations to see the restaurant's three most profitable years to date.
- Supervised a team of 10 in coordinating operations at every level.
- Surpassed business expectations by generating a revenue stream of over \$10,000 per day.

Gardening on Walls Ltd.

Mar 2017 – May 2021

Marketing and Design Specialist

Denver, CO

- Communicated with a team to market, sell, and design luxury framed interior garden art.
- Applied online marketing methods such as email and social media campaigns, SEO, website maintenance, and brand marketing.
- Oversaw the promotion and design of over \$100,000 of art each year.

SKILLS

Git	LaTeX	Microsoft Office	Adobe Creative Suite
React	Bootstrap	Google FireBase	Docker
NumPy	Node.js	JSON	Jupyter
Artificial Intelligence	API Integration	OOAD	Data Science