

Daniel Folino Haendler

danielfolino01@gmail.com — Boulder, CO 80302 — (720) 757-7629

Education

University of Colorado Boulder - Boulder, CO

June 2020 - May 2025

GPA: 3.6

Majors: BS Chemical Engineering, BS Computer Science

Experience/Project Work

Hospital Angeles - Mexico City, Mexico

General Intern

May-June 2019

- Shadowed medical staff to gain practical experience in a healthcare setting.
- Documented patient histories and recorded details of appointments and treatments.
- Played a key role in maintaining accurate and up-to-date patient records, contributing to efficient hospital operations.

Interstellar X - Boulder, CO

Game Developer

February 2021

- Developed an exploratory game in C++ with features for interplanetary travel and unique planetary maps.
- Designed six possible misfortunes, presenting distinct challenges for players.

MovieSeekers - Boulder, CO

Database Developer

June 2023

- Developed a database using skip lists and hash tables in C and C++ for efficient data storage and retrieval.
- Implemented user input functionality for categorizing and searching movies by various attributes.

Bomb Lab - Boulder, CO

Assembly Language Analyst

November 2023

- Utilized assembly language and disassembly techniques to analyze complex code.
- Employed C language skills to understand and unravel assembly-level programs.

WORLDWIDECONVERTER - Boulder, CO

Full Stack Developer

August 2023

- Developed a live currency converter application with user data storage and graphical representations.
- Implemented relevant news display based on searched currency.

Case Study - Theoretical Phone Company

Database Engineer

September 2023

- Built a comprehensive database using SQL for a theoretical phone company.
- Created tuples, defined relationships, and optimized for efficient operations and scalability.

Skills

- Programming: C++, VBA, Python, C, MySQL, MongoDB, CassandraDB, Scala, Full Stack Development
- Tools and Software: Matlab, Excel, Photoshop, Git, VSCode
- Data Analysis and Machine Learning: Minitab
- Languages: Fluent in English, German, Spanish, and Dutch