

Spencer Hamilton

COMPUTER SCIENCE STUDENT

Profile

Responsible and motivated junior at Colorado School of Mines with a strong work ethic and creativity. Pursuing a major in Computer Science and a minor in Computational and Applied Mathematics. Dedicated and dependable employee who can effectively communicate and problem solve with ease. Proficient and well versed in technology and systematic environments.

Employment History

Food Service, My Father's Place

MAY 2017 – AUGUST 2021

Advanced through a range of roles from order delivery to main cook, showcasing adaptability and commitment. Engaged in customer service and collaborated with a team to work effectively in a fast paced environment.

Summer Camp Counselor, PLCA 4 Kids

JUNE 2017 – AUGUST 2017

Supervised elementary school children at a summer day camp. Led and facilitated a variety of activities from arts and craft projects to science projects.

Civil Engineering, Nemic Engineering

JUNE 2021 – AUGUST 2021

- Developed precise 3D models for a diverse range of projects including interstates, interchanges, parking lots, and sidewalks using Civil 3D and construction surveying plans.
- Ensured all models adhered to specific state guidelines and standards for compliance and accuracy.
- Conducted rigorous quality checks on my own work and that of my colleagues to maintain the company's high standards.

Full Stack Web Developer, Sero Health Inc.

JULY 2022 – SEPTEMBER 2022

Devised and implemented a responsive web application empowering therapists to administer remote EMDR therapy by enabling therapists to remotely control EMDR therapy tappers.

- Engineered the frontend using React and Material UI, focusing on an intuitive and user-friendly interface to promote ease of use for both therapists and clients.
- Leveraged Firebase as the backend infrastructure, extensively employing Firestore for data management, Authentication for secure user access, Cloud Storage for multimedia content, Cloud Functions, and Hosting for deployment.

Education

High School, McCall-Donnelly High School

AUGUST 2017 – MAY 2021

- Graduated with a 3.98 GPA achieving honors all 4 years
- Received the AP Scholar with Honors Award
- AP Computer Science Principles: Scored 5
- AP Calculus AB/BC: Scored 5
- AP United States History: Scored 5
- AP United States Government and Politics: Scored 5
- AP Chemistry: Scored 4

Computer Science, Colorado School of Mines

AUGUST 2021 – PRESENT

Currently enrolled Junior majoring in Computer Science with a minor in Computational and Applied Mathematics

Details

Spencer Hamilton

Golden, Colorado

United States

(208)-315-2009

spencernhamilton@gmail.com

Skills

Microsoft Software Development
Fundamentals Certificate

Certified in Microsoft Word and
Excel

Proficient in multiple
programming languages

Teamwork

Fast Learner

Customer Service

Adaptability

Ability to Work in a Team

Analytical Thinking

Courses

Colorado School of Mines

- Calculus II, III
- Differential Equations
- Linear Algebra
- Discrete Mathematics
- Intro to Linux OS
- Data Structures
- Software Engineering

College of Western Idaho

- Fundamentals of Oral
Communication

Programming Languages

- C++
- HTML/CSS
- Javascript/JSX
- Typescript
- Python
- Java
- SQL
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