

JACOB HANS

3809 Roan Drive Colorado Springs, CO 80922 • (719) 640-2303 • jacob.hans@colorado.edu

QUALIFICATION SUMMARY

- ❖ Hard-working student willing to learn and take criticism from fellow coworkers when developing and working on a project
- ❖ Ability to problem-solve difficult problems in stressful situations.
- ❖ Experience working in a fast-paced environment that requires quick learning and gaining new skills every day.
- ❖ Innate ability to learn new trades quickly and able to perform tasks in a correct and timely manner.
- ❖ Enthusiastic and takes pride in any work projects or tasks that have been assigned.
- ❖ Customer service acquaintance and understands how to communicate effectively to clients
- ❖ Been continuously recognized for important hard work at previous work experiences.
- ❖ Exposure to management and quality practices to manage staff properly as well as project management.

TECHNICAL SKILLS

Computer Programming

Extensive experience with C, C++, C#, Python, Scala, GitHub, and the Linux environment. Practical knowledge of creating classification models in python as well as other artificial intelligence applications. Familiarity with the following topics: Data Structures, Operating Systems, Data Mining, Machine Learning, Data Science, Computer Systems, Analysis of Algorithms, Web Development, and Database Systems.

Cyber Security

Experience with common pen testing techniques including web app exploitation, network intrusion, forensics, and steganography. Completion of SANS Holiday Hack Challenge 2017-18, SANS CyberStart program, and currently enrolled in the SANS CyberFasttrack scholarship program.

Project Management

Understanding how to manage equipment, people, and time to complete tasks/projects in a timely manner. Experience managing a large staff to provide a program for around 400 participants.

WORK EXPERIENCE

Undergraduate Research Assistant University of Colorado at Boulder - Boulder, CO 2019-Present
Analysis of glacier data to gain insights into glacial acceleration through algorithmic approaches to mapping photon data. Relevant experience includes data analysis and development of machine learning models to classify regions of glacial acceleration.

Web Development Intern NextGen Algebra - Colorado Springs, CO 2016-2017
Internship opportunity that included web development of an online math education system. This experience provided knowledge of industry web development practices as well as web design principles.

Senior Manager Peaceful Valley Scout Ranch - Elbert, CO 2013-2018
Customer service that additionally included management of around 40 staff members. Customer service related experience that included directly interacting with youth aged 11-17 to provide an amazing summer camp experience. This job also required persistent enthusiasm to keep youth engaged every day at camp.

EDUCATION

University of Colorado at Boulder, *Boulder, CO* 2017-Present
BS Computer Science with minors: computer engineering and nordic studies; current GPA: 3.73

Sand Creek High School, *Colorado Springs, CO* 2013-2017
High School Diploma and International Baccalaureate Diploma; graduated Valedictorian 4.73 GPA

Pikes Peak Community College, *Colorado Springs, CO* 2015 - 2016
Took concurrent enrollment courses for computer science and networking