Stephen Burns /// Computer Savvy Mountain Guide

Arvada, Colorado
(720) 436-4597
stephenburns727@gmail.com
[LinkedIn](#) | [GitHub](#)

As a recent Computer Science graduate with a passion for technology and a background in mountain guiding, I bring a unique blend of technical skills, problem-solving abilities, and a commitment to enhancing the human experience. Proficient in Java, SQL, and Python, I have successfully applied my expertise in software engineering and data automation. My goal is to leverage this diverse skill set to contribute to innovative technology solutions that positively impact people's lives.

SKILLS

Web Design and Development, Java, SQL, Python, Database Management, Google Workspace Tools, Premiere Pro, Photoshop, Customer Service, Public Speaking.

EXPERIENCE

Telluride AIDS Benefit, *Telluride, CO,* 2022 - present */// Operations Director*
- Manage backend of ticket sales and fundraising contributions.
- Automate csv files to upload relevant specific data to databases.
- Web developer and designer for Telluride AIDS Benefits' website www.tellurideaidsbenefit.org

Playa Bike Repair, *Remote,* 2022 */// Software Engineering Intern, Data Entry Automation*
- Automated workflow for a mass email campaign by configuring Apps Script and Google Sheets to automate custom emails in a mass email campaign to process to collect and store customer data for eCommerce bicycle rental business to coordinate time-sensitive logistics for delivery and pickup of small and large orders
- Executed mass email campaigns using MailChimp SaaS, monitored results regularly, troubleshooted issues

CSU Global, 2020-2022 /// Bachelors Degree in Computer Science

Selected School Projects:

HOME ENERGY AUDIT APPLICATION*:* Android App for Determining Home Energy Usage
- Built an application in Java that determines home energy usage based on the user's location and local utility rates, and type and quantity of appliances in home.
- Created local database assets that housed typical energy outputs for standard large household appliances, and performed parameterized SQL queries based on user input to determine energy consumption. Calculated total estimated energy costs by then performing API calls to the National Renewable Energy Lab database to obtain local utility rates.

PET FEEDER APPLICATION: Android App for Theoretical Product
- Created an Android Application for a theoretical automated pet feeder utilizing a SQLite database, widgets, activities, and fragments.

MountainTrip, *Telluride, CO,* 2016 - present */// Professional Mountain & Climbing Guide*
- Lead clients on high angle technical mountain climbing excursions, typically involving thorough communication of tasks at hand, risks, and mitigation of risks. This role requires excellent time management, risk assessment, & customer service skills
- Website management and design.

    Certifications: NOLS Wilderness First Responder, CPR, AMGA Certified Rock Guide Apprentice and SPI .

MountainFilm, *Telluride, CO,* 2013 - 2022 */// Tour Production Coordinator & Tour Representative*
- Created and edited custom documentary film festival playlists and content using Airtable to navigate workflows
- Managed and configured dedicated RAID and NAS systems for company wide access and data backups
- Traveled nationally & internationally as a film festival tour emcee, stage manager, and media coordinator

Colorado VNet, *Loveland, CO,* 2005-2006 */// Quality Assurance Specialist*
- Conducted QA testing for digital home audio and lighting systems.
- Constructed and wired home audio integration systems for testing and tradeshows.

EDUCATION

Colorado State University Global, *Aurora, CO* / Bachelor of Science, Computer Science, 2022, Magna *Cum Laude*