

Stephen Burns /// Software Developer

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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

Python, SQL, Java, HTML, CSS, JavaScript, SaSS, Web Development, Database Management, Android Studio, VSCode, Eclipse, Google Workspace Tools, Premiere Pro, Adobe Creative Cloud.

EDUCATION

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

Selected School Projects:

HOME ENERGY AUDIT APPLICATION: Android App for Determining Home Energy Usage

- Built a Java application to determine home energy usage based on the user's location, local utility rates, as well as the type and quantity of appliances used.
- Created local database assets that housed typical energy outputs for standard large household appliances that 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

- Utilized Android Studio to build an application for a theoretical automated pet feeder utilizing a SQLite database, widgets, activities, and fragments.

EXPERIENCE

Telluride AIDS Benefit - Fashion Show, Telluride, CO, 2022 - present /// *Operations Director*

- Communicated & collaborated daily in an iterative, solution oriented capacity with varied stakeholders, internally and externally, including models, brands, and directors/managers.
- Owned and managed the backend of ticket sales and fundraising contributions adding tens of thousands in donations..
- Automated csv files to upload relevant specific data to a consolidated database streamlining data collection.
- Developed and maintained aidsbenefit.org, the non-profits main avenue for ticket sales and donations ensuring sold out shows of over 1200 donating attendees.

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 to process to collect and store customer data.
- Organized and processed data of the eCommerce bicycle rental business to coordinate time-sensitive logistics for delivery and pickup of small and large orders ensuring hundreds of thousands of dollars in revenue.
- Executed mass email campaigns using MailChimp SaaS, monitored results regularly, troubleshooted issues.

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.
- Used excellent time management, risk assessment, & customer service skills to ensure countless safe outcomes in extreme mountain terrain.

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 for hundreds of film festivals across four continents.
- Configured and optimized dedicated RAID and NAS systems for company wide access and data backups.
- Traveled nationally & internationally to dozens of locations 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 tradeshow.