

EDUCATION

Bachelor of Science, Computer Science

3.42 GPA

Colorado Technical University

03/17

Merit Recipient, Excellence in Engineering Scholarship

TECHNICAL CAPABILITIES

Coding

- C++
- Java
- HTML 5
- SQL
- MATLAB

Technologies

- Python
- JavaScript
- CSS
- PHP
- goLang
- Git
- REST API
- AWS pipeline/EC2
- OpenGL
- Android

PROFESSIONAL EXPERIENCE

LUDIC GAMES, LLC, Colorado Springs, CO

06/16 - Present

Founder / Lead Developer

- I came up with the original gameplay and story concepts, I then attracted a four-member development team based on the needs of the project and we expanded upon the idea together
- I manage the development schedule on Trello, set up our git environment, and do a significant portion of the object-oriented programming in various areas
- I gained experience working in an agile environment and collaborating on a large project

TARGET CORPORATION, Colorado Springs, CO

08/12 - 03/17

Electronics Team Member / Trainer

- Provided service and advice to customers; managed inventory in electronics department
- Went out of my way to ensure great customer experiences; got good customer feedback
- Promoted to trainer position; in charge of training new electronics team members

FAIRFAX COUNTY PARK AUTHORITY, Burke, VA

06/10 - 07/11

Lifeguard

- Ensured guest safety, monitored and regulated pool chemistry, maintained facility cleanliness
- Trained and evaluated on Ellis and Associates Lifeguarding Standards with frequent audits

PERSONAL ACHIEVEMENTS

- Designed, developed a database, and programmed a Dungeons and Dragons character generator
- Designed and developed an IRC chat-bot in Python that implements multiple web-APIs, interacts with a SQLite database and supports audio playback via VLC media player
- Designed and prototyped a microcontroller based time-management alarm device to help people with ADHD deal with hyperfocus
- Built and programmed, with a colleague, a two-axis hydraulic robot designed to accurately and consistently hit targets with a Nerf gun; employed webcam for automated targeting
- Examples of personal projects can be found on my portfolio: billyriegel.com/projects