**SUMMARY OF QUALIFICATIONS**

Customer service and technology expert with the ability to assemble, maintain, upgrade, and repair computers and other electronics. Experienced with object-oriented programming, multi-threading, networking, distributed systems, databases, computer architecture, and system administration. Trained in test-driven development and Scrum framework.

**EDUCATION**

***Associate of Applied Science in Computer Science Acquired December 2015***

Front Range Community College, Fort Collins, CO

**PROGRAMMING EXPERIENCE**

* Languages: C, C++, CSS, Hadoop, HTML5, Java, JavaScript, Python, Spark
* Databases: Access, MySQL, PostgreSQL, Timescale DB
* Operating Systems: Linux (Fedora, Solus, Ubuntu), Windows (ME, XP, 7, 8, 10)
* IDEs: CLion, Eclipse, IntelliJ, PyCharm, VIM, Visual Studio, WebStorm

**WORK EXPERIENCE**

***Librarian Aide February 2020 – Present***

City of Loveland, Loveland CO

* Operated various office machines, electronics, and audio-visual equipment
* Assisted patrons with reference materials, research, and technology coaching
* Empowered citizens to combat misinformation
* Designed new solutions for storing, retrieving, and analyzing library statistics
* Organized events to inspire, inform, and engage the community
* Key Skills and Duties:
  + Performed several tasks concurrently under varying deadlines
  + Exercised tact, good judgment, and initiative in dealing with the public
  + Communicating clearly and concisely
  + Processing new materials

***Software Engineer Intern November 2017 - February 2019***

Mesh Power, Fort Collins CO

* Created a data warehouse to reduce access time for accounting and time series data
* Wrote multithreaded algorithms to allow for faster data creation and ingestion
* Reduced run times for statistical analysis from hour to a few seconds
* Worked with microgrid computers providing renewable electricity in remote locations
* Implemented SMS features for remote access to machines without internet
* Key Skills and Duties:
  + Programming in Python, C++, Bash, and SQL
  + Timescale, PostgreSQL, MongoDB, and Redis databases
  + Network and system administration with Raspbian Jesse and Ubuntu 18.04 computers
  + Version control with GitHub and working in an Agile framework

***Retail Manager July 2014-Present***

Games Ahoy, Loveland, CO

* Used specialized knowledge of collectables to help the business expand into new markets
* Trained employees on how to distinguish authentic collectables
* Helped the local gaming community flourish and ensured happy customers
* Managed inventory for multiple stores
* Implemented and enforced effective management practices and strict policies
* Helped plan and organize annual conventions (vinconcolorado.com)
* Installed and operated audio/visual equipment and security systems
* Key Skills and Duties:
  + Open and close stores, balance cash registers, and calculate daily transaction statistics
  + Conduct store inventory counts, and stock/restock merchandise
  + Test, appraise, and purchase used product as well as order new product
  + Process customer transactions and returns using Point-of-Sale systems

***Teacher's Assistant, Tutor, Event Coordinator August 2013-May 2015***

Front Range Community College, Fort Collins, CO

* Worked closely with professors to provide critical feedback on student performance
* Provided students with one on one and group tutoring for subjects such as computer hardware, programming, and networking
* Key Skills and Duties:
  + Grading homework, quizzes, and tests
  + Providing oversight and help in labs
  + Strong communication, problem solving, and critical thinking skills

***Arcade and Computer Technician June 2010-May 2014***

Fort Fun, Fort Collins, CO

* Overhauled laser tag system to be easier for customers to sign-up and employees to operate
* Built custom computers and edited software to allow for diverse gameplay modes and teambuilding exercises
* Rebuilt laser tag vests with custom parts
* Structured cabling and networking equipment installation and administration
* Key Skills and Duties:
  + Assemble, disassemble, and test electromechanical equipment
  + Routine inspection, identification, troubleshooting, refurbishing, and repairing
  + Demonstrate a high level of attention to detail
  + Collect, compile, and analyze data to inform pricing options, purchases, and company expansion