

## **EDUCATION**

**University of Colorado Denver**  
- Computer Science B.S.

**Spring 2014 - Spring 2017 (expected)**  
Current GPA: 3.8/4

## **TECHNICAL SKILLS**

Programming Skills	: C, C++, Java, SQL, Python, Mathematica
Web-based languages	: HTML, CSS, JavaScript, PHP
Databases	: MySQL, Softerra LDAP Admin

## **ACADEMIC PROJECTS**

**Senior Design** **Fall 2016 - Spring 2017**

- First place CS Project Award — Developed bicycle safety mobile app and admin webpage for a client with focus on SQL database to store users, comments, and reported issues and product documentation

**Embedded Systems** **Spring 2016**

- Interfaced with a drone to recognize images to control movement on a team. I programmed an Arduino to interface with ultrasonic sensors to detect obstacles so the drone could avoid

**Principles of Programming** **Fall 2015**

- Solved problems to learn how syntactically and functionally JavaScript, Java, Go, Python are different

**Operating Systems** **Summer 2015**

- Created a shell, implemented theoretical system scheduling algorithms with calculations, implemented theoretical page replacement algorithms with calculations output in C++

**Database Systems** **Spring 2015**

- Developed a 3rd normal form database based off of a 3 schema design and ER diagram using MySQL, SQL, CSS, HTML, and PHP

## **WORK EXPERIENCE**

**Software Engineer Intern** **Vantiv** **Nov. 2015 - Dec. 2016**

- Simulated a mock software upgrade with all supporting software and configuration and created a development sandbox using VirtualBox with Ubuntu
- Log analysis using Splunk for debugging
- Managed software rollouts in WebSphere and Tomcat
- Managed single sign-on services for clients
- Responsible for LDAP management and user profiles
- Developed software fixes for production application environments

## **COMMUNITY ENGAGEMENT**

**ACM Officer** **Spring 2017**

- Focus on bringing in new speakers for tech talks, hosting various tech events for students to gain skills they otherwise wouldn't in class, and promoting these events in classrooms

**CU Denver Students for Bernie Sanders Vice President** **Fall 2015 - Spring 2016**

- Educated students and general public on how to participate in caucuses and primaries by tabling, flying, canvassing, and hosting events on campus and in the Denver metro
- Developed relationships with Auraria Campus and Denver political community