

# Jonathan Sumner Evans

☎ +1 (720) 459-1501 | September 15, 2018 | ✉ sumner.evans98@gmail.com  
in linkedin.com/in/sumnerevans | 🌐 sumnerevans.com | 📦 gitlab.com/sumner

---

## EDUCATION

**Colorado School of Mines** - Golden, CO - M.S. Computer Science Aug. 2018 - May 2019

- Working on a project with Dr. Mehta to automate group selection in CSCI 406 Algorithms and improve the algorithms used in that process.
- Chair of Mines ACM, Service Chair of Tau Beta Pi, **Linux** Help Guru of Mines Linux Users Group (LUG)

**Colorado School of Mines** - Golden, CO - B.S. Computer Science - 3.9 GPA July 2016 - May 2018

- Vice President of Mines ACM, Secretary of Mines Linux Users Group (LUG)
- Outstanding Graduating Senior for Computer Science
- *Notable Classes:* Operating Systems, **Algorithms**, Computer Graphics, Computer Simulation, Virtual Reality, Principles of Programming Languages, Artificial Intelligence, Software Engineering, **Data Structures**

**Red Rocks Community College** - Lakewood, CO - 67 Credit Hours - 4.0 GPA Aug. 2012 - May 2016

## WORK EXPERIENCE

**Instructor (Algorithms)** - Colorado School of Mines - Golden, CO Aug. 2018 - Present

- Teaching a section of CSCI 406 Algorithms this fall.
- *Topics include:* analysis of algorithms, evaluation of data structures, sorting algorithms, dynamic programming, graph algorithms, and NP-completeness.

**Software Engineering Intern** - Pivotal - Denver, CO May 2018 - Aug. 2018

- Improved system for imaging workstations for consistent workflows on all machines used by the Tracker team.
- Contributed in a LEAN Product process to identify the needs of the Tracker team.

**Teachers Assistant (Data Structures)** - Colorado School of Mines - Golden, CO Aug. 2017 - May 2018

**Software Development Intern** - Kenzan - Denver, CO June 2017 - Aug. 2017

**Software Developer** - Can/Am Technologies, Inc. - Lakewood, CO Feb. 2013 - Aug. 2016

- Designed and built new features for Teller, an enterprise point-of-sale system for municipal governments.
- Implemented plugins to integrate Teller with external vendors including Bank of America and Tyler Tech.
- Worked in an Agile environment on **C#** and **JavaScript** codebases.
- Helped transition Teller from a Windows Desktop application to a web-based application.

## PROJECTS

**Visplay** - gitlab.com/ColoradoSchoolOfMines/visplay - GPLv3 February 2018 - Present

- Mines ACM project to create a digital signage system with a dynamic, hierarchical configuration system.
- Working on design of the overall **system's architecture** and contributing in a project management role.
- I've also been instrumental in building the **Python** backend and setting up **CI/CD** for the project.

**Wii-Track** - github.com/ColoradoSchoolOfMines/wii-track - GPLv3 February 2018

- Distributed inventory tracking using IOT technologies. Backed by **AWS Lambda** and **DynamoDB**.
- I worked on designing the overall system's architecture, set up the database, and implemented a Lambda function to identify packages by weight.
- *Awards:* Judges Favorite, Best Use of AWS, and Dish Network Challenge winner at HackCU IV.

**Virtual Reality Final Project** - github.com/CSM-Dream-Team/final-project - GPLv3 Aug. 2018 - Dec. 2018

- Final project from an independent study in virtual reality under the supervision of Dr. Paone.
- We developed a new program architecture for virtual reality called *Deferred Immediate Mode*.

## AWARDS AND HONORS

- Nominated for *Student Employee of the Year* by Christopher Painter-Wakefield (May 2018)
- First Place at Google Games in Boulder (April 2018)
- Google C-MAPP scholarship recipient (January 2018)
- Won *Grand Prize* at the Xilinx Pynq Hackathon with parking lot tracking project (October 2017)
- Placed 3rd in 2016 Regional ACM International Collegiate Programming Contest (ICPC)