Jonathan Sumner Evans

📞 +1 (720) 459-1501 | September 11, 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 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)
- *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.

CS@Mines on Tour Presenter - Colorado School of Mines - Golden, CO   Jan. 2018 - May 2018

- Gave presentations and led workshops about CS for middle and high school students.

Teachers Assistant (Data Structures) - Colorado School of Mines - Golden, CO   Aug. 2017 - May 2018
Software Development Intern - Kenzan - Denver, CO   June 2017 - Aug. 2017

- Contributed to OSS projects on behalf of Kenzan including React and Node.
- Worked to improve Kenzan website by implementing CI/CD pipeline with a WebPack build.

Software Developer - Can/Am Technologies, Inc. - Lakewood, CO   July 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.
- Spearheaded company-wide transition to Git.
- Helped transition Teller from a Windows Desktop application to a web-based application.

Taekwondo Instructor - Ken Caryl ATA Martial Arts - Littleton, CO   Nov. 2015 - Aug. 2016
Software Developer Intern - Can/Am Technologies, Inc. - Lakewood, CO   Feb. 2013 - June 2013

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.
- I am working on design of the overall system's architecture and contributing in a project management role.

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 DynamoDB database, and implemented a AWS Lambda function to identify packages by weight.
- Our team presented the project in front of a panel of Dish Network executives.
- *Awards:* Judges Favorite, Best Use of AWS, and Dish Network Challenge winner at HackCU IV.

PROJECTS (CONTINUED)

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*.

Wireless Debugging - github.com/sumnerevans/wireless-debugging - Apache 2.0   May 2017 - June 2017

- Mobile library and log-parsing web server to allow streaming of mobile app logs to a web UI console.
- I was the primary writer of the API specifications for communicating between each component.
- I built the log parsing library and the mobile API implementation for iOS.
- Built with four other students during the Mines CS Field Session under the supervision of Google.

SKILLS

Language Experience: Python, C#, JavaScript, C++, Java, LaTeX, HTML, CSS, SQL
Tools: Linux, Vim, Git, AWS, macOS, Windows, Visual Studio, Sublime Text, IntelliJ IDEA

AWARDS AND HONORS

- Outstanding Graduating Senior (May 2018)
- 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)
- Member of the Tau Beta Pi Honor Society (November 2017 - Present)
- Won *Grand Prize* at the Xilinx Pynq Hackathon with parking lot tracking project (October 2017)
- Deans List Fall 2016, Spring 2017, and Fall 2017
- Placed 3rd in 2016 Regional ACM International Collegiate Programming Contest (ICPC)
- Grand Master Emeritus Soon Ho Lee Scholarship from the H.U. Lee Memorial Foundation (June 2016)

PERSONAL ACHIEVEMENTS

- **Taekwondo**: 3rd Degree Black Belt, three time Colorado State Champion, Certified Trainer
- **Soccer**: Captain of high school team for three years, 2015 Conference All Star and All Tournament Player