

Jonathan Sumner Evans

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📁 WORK EXPERIENCE

Software Engineer — The Trade Desk — Denver, CO June 2019 - Present

- I am a member of the Connected TV engineering team.
- I am responsible for building features related to Connected TV across the entire stack from the high performance bidding systems to the client UI for advertisers.
- Recently I have been working on a project to surface ad campaign optimization strategies to users.

Adjunct Professor — Colorado School of Mines — Golden, CO Aug. 2018 - May 2019, Aug. 2020 - Present

- I taught CSCI 564 **Advanced Computer Architecture** in Spring 2021.
Topics Included: cache, pipelining, memory hierarchy, virtual memory, branch prediction, multiprocessor architectures, and cache coherence.
- Taught CSCI 400 **Principles of Programming Languages** in Spring 2019 and Fall 2020.
Topics Included: programming language evaluation, Python, Lambda Calculus, functional programming, Racket, OCaml, programming language implementation.
- Taught CSCI 406 **Algorithms** in Fall 2018.
Topics Included: analysis of algorithms, evaluation of data structures, sorting algorithms, graph algorithms, dynamic programming, and NP-completeness.

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

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.

📖 EDUCATION

Colorado School of Mines — Golden, CO — M.S. Computer Science — 4.0 GPA Aug. 2018 - May 2019

- Worked 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

- Outstanding Graduating Senior for Computer Science

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

🏆 PRIZES AND AWARDS

- *Second Place* at HackCU V with a team of Freshmen + myself for *MLocate* (February 2019)
- *First Place* at the 2018 Facebook Global Hackathon Finals at Facebook HQ for *HypAR Map* (November 2018)
- *Fourth Place* in 2018 Regional ACM International Collegiate Programming Contest (ICPC) (November 2018)

</> NOTABLE PROJECTS

Sublime Music — gitlab.com/sublime-music/sublime-music — GPLv3 November 2018 - Present

- A native Subsonic client for Linux built using **GTK** and **Python**.
- Allows users to connect to multiple Subsonic API-compliant servers and browse and play songs from them.
- *Features Include:* playback through Chromecast devices, DBus MPRIS integration, play queue, offline mode.

Nix Home Manager — github.com/nix-community/home-manager — MIT April 2021 - Present

- Nix Home Manager provides a system for managing a user environment using the **Nix** package manager.
- I am a maintainer with write access to the project. I review and merge contributions to the project.