

Jonathan Sumner Evans

🌐 sumnerevans.com | ✉ resume@sumnerevans.com | **in** linkedin.com/in/sumnerevans
🌐 sr.ht/~sumner | 🏠 gitlab.com/sumner | 🐙 github.com/sumnerevans

📁 WORK EXPERIENCE

Software Engineer — Beeper July 2021 - Present

- I am working on bridges to connect people on every chat network through **Matrix**.
- I implemented a bridge to LinkedIn Messages using Python.

Software Engineer — The Trade Desk — Denver, CO June 2019 - July 2021

- I was a member of the Connected TV engineering team.
- I was responsible for building features related to Connected TV across the entire stack including the **C#** backend, the **React** frontend, and the **SQL Server** database.
- I led an effort to surface AI powered 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

</> NOTABLE PROJECTS

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

- A native Subsonic client for Linux built using **GTK** and **Python**.

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

- I am a maintainer with write-access to the project repository. I review and merge contributions to the project as well as contribute fixes myself.