

Kyler Ruvane

kylerruvane@gmail.com | kyruv.github.io/personal-site
linkedin.com/in/kyler-ruvane | github.com/kyruv

1945 Arapahoe Ave, #3
Boulder, CO 80302

EDUCATION

Univ. of Colorado Boulder
Aug 2022 - Present

Cornell University
Sep 2014 - May 2018

Candidate for Masters in Computer Science

- 4.0 GPA - expected graduation May'24
- Researcher within the CAIRO lab focusing on human robot teaming, with two first author publications.

BS in Computer Science

- Magna Cum Laude - 3.8 GPA
- Minors in Game Design and Information Science

INDUSTRY EXPERIENCE

Software Engineer III
Google
Aug 2018 - July 2022

Software Intern
Google
Summer 2017

Software Intern
NASA JPL
Summer 2016

Drive Activity (2019 - 2022)

- Java engineer responsible for a system that ingests ~300k qps of events and makes ~12M qps of rpc calls. Build and maintain code to collect Drive activity events, add useful information, and distribute to systems responsible for auditing, reporting, intelligence, Drive web, and Drive mobile.

Supply Chain (2018 - 2019)

- Java engineer responsible for CITM: the Centralized Inventory Transaction Management system which was an in-house supply chain management software.

Both Teams

- Part of a 24/7 on-call rotation. Consistently rated "exceeds-expectations" or higher. Received 12 bonuses related to exceptional work or helpfulness.

SCOT the Supply Chain Chatbot

- Data retrieval chatbot for supply chain data. Key work included custom graph algorithms for data transformations, user permissions, and productionization.

Data Visualization

- Created an online dataviz portal to consume vector data, a new data type NASA was working to support. Integral in testing and debugging NASA's vector data.

TEACHING

CU Boulder CSCI 1300
Lead TA
Lead TA - 2023fa
TA - 2022sp

Cornell CS 2110 TA
3 semesters
2016fa, 2017fa, 2018sp

Lead Teaching Assistant - Introduction to Computing (C++)

- Responsible for creating and thoroughly reviewing new course material for a class of 1000+ students, working closely with the professor.
- Responsible for teaching two sections of ~45 students once a week, grading, holding office hours, proctoring exams, and answering questions on Ed.

Teaching Assistant - OO Programming and Data Structures (Java)

- Responsible for teaching one section of ~40 students, grading, holding office hours, proctoring exams, and answering questions on piazza.

LEADERSHIP

Google Intern Mentor
Summer 2020

Outdoor Odyssey Guide
Summer 2017

1:1 Mentorship

- Introduced the intern to the wider Google work environment
- Held weekly check-in meetings with ad-hoc conversations and answers

Group Leadership

- Led a 6-day backpacking trip for incoming Cornell transfer students
- Outdoor technical and group management skills

LANGUAGES

JAVA • C++ • PYTHON • C • C# • KOTLIN • JAVASCRIPT • HTML • CSS