

Kyler Ruvane

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1945 Arapahoe Ave, #3

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EDUCATION

Univ. of Colorado Boulder

Aug 2022 - Present

Cornell University

Sep 2014 - May 2018

Univ. of Edinburgh

Spring Semester 2017

Candidate for Masters in Computer Science

- Member of the CAIRO lab researching improvements in human robot teaming
- Interest in teaching post graduation

BS in Computer Science

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

Semester Abroad

- Computer Algebra, Scottish History, Logic

TEACHING

Cornell CS 2110 TA

3 semesters
2016fa, 2017fa, 2018sp

Cornell CS 2110

Consultant

1 semester, 2016sp

Teaching Assistant - OO Programming and Data Structures

- Responsible for teaching material at a weekly section of ~40 students, grading, holding office hours, proctoring exams, and answering questions on piazza.
- 180 contributions on piazza, consistently well reviewed by students

Course Consultant - OO Programming and Data Structures

- Responsible for grading, holding office hours, and answering questions on piazza

INDUSTRY EXPERIENCE

Software Engineer III

Google

Sep 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.

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