# Kyler Ruvane

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## EDUCATION

**Univ. of Colorado Boulder**
Aug 2022 - Present

**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.

**Cornell University**
Sep 2014 - May 2018

**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

**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.

**Software Intern**
*Google*
Summer 2017

**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.

**Software Intern**
*NASA JPL*
Summer 2016

**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

**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.

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

**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

**1:1 Mentorship**
- Introduced the intern to the wider Google work environment
- Held weekly check-in meetings with ad-hoc conversations and answers

**Outdoor Odyssey Guide**
Summer 2017

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

## LANGUAGES & Tools

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

UNITY3D・GITHUB・DJANGO・VSCODE・LIBGDX・OPENGL・JIRA