

Korry Tunnicliff

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<https://github.com/force10269>

EDUCATION

University of Colorado Boulder

B.S. Computer Science

Expected Graduation Date: May, 2023

Boulder, CO

- GPA: 3.73/4.0
- Awards: Boettcher Scholarship Semifinalist, 4-time CU Dean's List, CU Esteemed Scholar, Outstanding Colorado Student Award, Thomas T. Eaton Scholarship, Gates National Merit Scholarship

TECHNICAL SKILLS

- **Computer:** C, C++, Python, Java, JavaScript, Scala, HTML, CSS, PostgreSQL, Elixir
- **Keyboard:** Types at a maximum speed of 180 WPM
- **Relevant Coursework:** Software Development, Algorithms, Robotics, AI, Linear Algebra, Differential Equations, Data Structures

WORK EXPERIENCE

SOFTWARE ENGINEER INTERN

MAY 2022 – AUGUST 2022

MojoTech

- Developed applications with a team of 25 software engineers and 4 software engineer interns through collaboration on GitHub and the use of Elixir, Phoenix LiveView, PostgreSQL, ReactJS, Apollo, and Absinthe while handling multiple API clients

PROJECTS

CALIBER MARKETPLACE

AUGUST 2022 - PRESENT

University of Colorado Boulder, Boulder, CO

- Created a digital marketplace for Caliber Public Safety products and features with a team of five other undergraduate students with the guidance of a sponsor
- Built with the MEAN tech-stack (MongoDB, Express, AngularJS, and Node), along with PrimeNG

DYNEIN PROTEIN ANALYSIS

JANUARY 2022 – PRESENT

University of Colorado Boulder, Boulder, CO

- Built a few Python scripts which take in cellular, and outputs both the location and measured intensity of dynein proteins inside.
- <https://github.com/force10269/DyneinProtein>

RESEARCH EXPERIENCE

DLA RESEARCH ASSISTANT

AUGUST 2021 – DECEMBER 2021

University of Colorado Boulder, Boulder, CO

- Managed a C++ server in a research group of over 10 student engineers and a research professor
- Utilized a publish-subscribe network protocol and Web Toolkit dependencies
- Handled Software Defined Radios and visualized signal interference through MATLAB and the Google Maps API

COMMUNITY ENGAGEMENT

RESIDENT ADVISOR

AUGUST 2020 – DECEMBER 2022

University of Colorado Boulder, Boulder, CO

- Engaged and mentored hundreds of incoming Freshmen at CU Boulder. Organized and led creative events to foster a greater sense of community across dorms in the Kittredge community as well as the Bear Creek Apartments