

# Korry Tunnicliff

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

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## EDUCATION

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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

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- **Languages:** C, C++, Python, Java, JavaScript, HTML, CSS, Elixir, Scala, MATLAB
- **Frontend + Backend:** React, Angular, Express, Node, GraphQL, MongoDB, PostgreSQL
- **Keyboard:** Types at a maximum speed of 180 WPM
- **Relevant Coursework:** Software Development, Algorithms, Robotics, AI, Linear Algebra, Differential Equations, Data Structures

## WORK EXPERIENCE

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### 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

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### 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.
- [GitHub Repo](#)

## RESEARCH EXPERIENCE

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### 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

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### 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 Kittedge community as well as the Bear Creek Apartments