

NANDA MIN-FINK

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EDUCATION

The University of Colorado Boulder, Boulder, CO
Bachelor of Science in Computer Science Candidate
Minoring in Creative Technology Design

Anticipated May 2026

Awards: CU Boulder Presidential Scholarship, Full IB Diploma, National Junior Honor Society

WORK EXPERIENCE

Lionheart Legion, CO | *Software Developer*

June 2024-Present

Server development (database, API, authentication, authorization, front end)

Capital Ultimate Camp, VA | *Counselor*

July 2023

Upton Hill Regional Park, VA | *Mini-Golf and Batting Cage Attendant*

Managed payments, assisted customers, and performed maintenance tasks.

Spring-Summer-Fall, 2021-2022

PROGRAMMING SKILLS AND CERTIFICATES

Programming Languages: C | C++ | Python | HTML | CSS | Java | JavaScript | TypeScript

Software Programs: Blender | Adobe Suite (Photoshop, Lightroom) | MS Office | Sony Vegas Pro | Android Studio

Programming Experience:

- **SQLAlchemy:** Database development for a back-end web server using SQLAlchemy ORM. Involved complex database object relationships.
 - **OpenID Authentication (Server Side + Client Side):** Created OpenID Authentication service from scratch by following OAuth PKCE flow standards.
- **Angular Front-End Development:** Created front end for OpenID server and test application.
- **Flask API:** Used Flask to create an API to link database to browser for multiple applications.

Projects:

- **Ultimate Frisbee stat-recording app for android devices:** Designed in Android Studio, using Java and CSS. Updated player stats in real time and could be stored on the device and accessed later.
- **Text-based Dungeons & Dragons style game:** Fully functioning Dungeons & Dragons styled game where a player with a fully fleshed currency, item, and battle. Updating map with multiple object types. Written in C++.

Certificates: FBI-Cyber STEM Program Certificate (2022)

LEADERSHIP AND VOLUNTEER EXPERIENCE

Leadership

- Captain of multiple ultimate frisbee teams; player on CU Boulder's team and the U-20 USA National Team (2022)

Volunteer English Teacher in Myanmar

Summer 2019

- Co-taught 8th and 10th graders at a rural school introducing fun activities in place of rote memorization.
- Co-taught intermediate grammar and conversation skills through interactive activities to older students.

Other Short-Term Volunteer Work

- Fundraising for health and education initiatives in Myanmar.
- Assistant coaching for Middle School Ultimate Frisbee team.
- Reevesland Learning Garden: planting, mulching, and weeding.
- Arlington Food Assistance Center: packing and organizing meals.

RESEARCH

IB Extended Essay on the Advantages and Disadvantages of AI in the Diagnosis and Treatment of Cancer

2022

SPOKEN LANGUAGES AND OTHER INTERESTS

Spoken Languages: English (Native Speaker), French (Intermediate), Burmese (Beginner)
Other Interests: Ultimate frisbee, snowboarding, hiking, climbing.