

# Jiwoo Cheon

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[LinkedIn](#)

## Objective

Undergraduate senior majoring in Computer Science applying for software engineering positions

Currently residing in New York state, but willing to relocate within mainland U.S. and is a U.S. citizen.

## EDUCATION

**Cornell University**, College of Engineering, Ithaca, NY

**Expected completion December 2022**

Bachelor of Science, Computer Science

GPA: 3.78; Dean's List for 5 semesters

**Relevant Courses:** Data Structures and Functional Programming, Object-Oriented Programming and Data Structures, Introduction to Analysis of Algorithms, Introduction to Programming Languages, Introduction to Databases, Introduction to Cryptography

## PROFESSIONAL EXPERIENCE

**Cornell University**, Ithaca, NY, *Undergraduate Researcher*

**Jun – Aug 2022**

- Summer research intern awarded \$5000 stipend by Cornell's Computer Science Undergraduate Research Program
- Examined algorithmic bias in recommender systems using graph-based methods under the guidance of Prof. Sarah Dean
- Defined visibility to measure bias in multisided recommender systems; designed and conducted experiments on a movie ratings dataset to investigate popularity bias for providers

**T-Mobile**, Remote, *Software Engineering Intern*

**Jun – Sep 2021**

- Designed and built a real-time web dashboard that provides more than 40 teams across the company with up-to-date information about their app deployments
- Created an interactive user interface using React and JavaScript and update design based on user feedback
- Implemented optimized queries using Apollo GraphQL and SQL stored procedures

**Smith Micro Software**, Pittsburgh, PA, *Software Engineering Intern*

**May – Aug 2020**

- Integrated Firebase Analytics in an Android application
- Thoroughly tested and resolved any analytics related issues in the Android application and the Firebase Console

## SPECIALIZED SKILLS

**Programming:** Java, JavaScript, Python, OCaml, C, Git, React, CSS, SQL

**Languages:** English (fluent); Korean (fluent)

## LEADERSHIP

**Big Red Marching Band**, Cornell University, *Clarinet Section Leader*

**Jan 2022 – Present**

- Lead the clarinet section at all music and marching sectionals, parades, performances, and other official band events
- Serve as the point of contact between band leadership and all members of the clarinet section (~ 20 active members), ensuring all members have necessary equipment and mediating any conflict involving members of the section
- Coordinate with other band leadership to efficiently organize and safely run performances involving up to 150 members

**Hack4Impact**, Cornell University, *Product Manager*

**Aug 2021 – Jan 2022**

- Directed a software product from design to deployment while managing partner expectation and adhering to strict deadlines
- Defined explicit product requirements and feature prioritization, keeping in mind client needs and accessibility
- Led all communication and meetings between our non-profit partner and development team of 3 designers and 5 developers

## CAMPUS INVOLVEMENT

**Introduction to Analysis of Algorithms**, *Undergraduate Teaching Assistant*

**Aug 2021 – Dec 2021, Aug 2022 – Present**

- Hold weekly office hours, helping ~12 students each hour with course material or homework
- Assist the head TAs with organizing and leading weekly homework reviews and content recitations

**Discrete Structures**, *Undergraduate Teaching Assistant*

**Jan 2022 – May 2022**

- Led weekly discussion sections of 27 students, reinforcing student understanding of course content through comprehensive questions and collaborative activities
- Graded 25-30 submissions of student homework and exams weekly, providing careful and detailed feedback

**Hack4Impact**, Cornell University, *Developer*

**Aug 2020 – Jun 2021**

- Developed the frontend and backend of a dynamic request form as a feature in a volunteer management platform using Python Flask and Pandas

## AWARDS

**Lockheed Martin STEM Scholarship**

**April 2019 - Present**