Maaheen Maajed

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EDUCATION

University of Illinois at Urbana-Champaign   Expected Graduation: *May 2024*
Major: Computer Science & Anthropology   GPA: *3.97/4.00*
Honors: Dean's List (Fall 2020, Spring 2021, Fall 2022)

EXPERIENCE

Full Stack Software Engineering Intern   May - August 2022
Cargill

Outreach Coordinator and Staff   May - July 2021, May - July 2022
Summer of Side Projects @ UIUC
- Worked on outreach to get student signups for a class of 280+ students and to secure corporate funding
- Assisted on the course staff for an informal class of 162 students in creating 65+ side projects over the summer
- Managed content on the site, wrote and edited technical tutorials to teach libraries and tools

Intro to Computer Science Course Staff
Department of Computer Science at UIUC
Senior Course Staff   Spring 2022
Course Associate   Fall 2021
Course Assistant   Spring 2021
- 1 of 4 Head Course Associates leading over 240 Course Associates and Assistants for a course with up to 1000+ undergraduate students each semester
- Taught fundamental programming concepts in Java, Kotlin, and Android through virtual office hours and the course forum
- Designed and implemented staff mentorship program to let more experienced staff provide personal guidance to newer staff
- Mentored 6 Course Associates through staff mentorship program to help them progress towards Senior Course Staff
- Developed multimedia audio/code walkthroughs to teach concepts of imperative and object-oriented programming

PROJECTS

Cyberpunk 2020 DM Kit – *Personal Project*   Summer 2021
- Technology used: Python, with Peewee, tkinter, jsonpickle
- A tool to help people play the tabletop game Cyberpunk 2020. Includes: a full UI; database of items, weapons, etc.; users can create and store player and non-player characters; the program can calculate damage to characters

Wikispeedia   Fall 2021
- Technology used: C++, with Catch2
- Processed a subset of Wikipedia's database, constructed and ran relevant graph algorithms to determine the most "important" articles and to find the shortest path between two given articles

CyberBot2020 – *Personal Project*   Summer 2021
- Technology used: Python, with discord.py, sqlite3
- Discord chatbot that stores Cyberpunk 2020 + Cyberpunk Red characters in an online database; automatically calculates character stats; posts character info in a formatted message; users can edit their own characters

SKILLS

- **Computer Languages:** C++, Python, Java, Kotlin, HTML, CSS
- **Tools:** React, CMake, UNIX CLI development, Android, GUI (including tkinter), SQL + databases, Microsoft Office + Microsoft Excel, Agile development, unit testing (Catch2 and others)