

GRACE WANG

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EDUCATION

THE UNIVERSITY OF CHICAGO

Bachelor of Science in Computer Science, Bachelor of Arts in Statistics

Cumulative GPA: 3.63/4.00

Relevant Coursework: Algorithms, Computer Architecture, Introduction to Computer Systems, Discrete Mathematics

Chicago, IL

Expected June 2024

TECHNICAL SKILLS

Languages: Proficient in Python, C; Familiar with Java, JavaScript, R, HTML/CSS

Tools: Linux CLI, Git

TECHNICAL EXPERIENCE / PROJECTS

[Data Science Institute Summer Lab](#), University of Chicago

Chicago, IL

Research Assistant

June 2022 – Present

- Performed [qualitative analysis](#) of content moderation policies regarding Copyright, Misinformation, and Hate Speech on social media platforms
- Built a [web scraper](#) using **Requests** and **Beautiful Soup** to retrieve all URLs and text from a given list of websites

Modern Microprocessor Simulator

September 2021 – December 2021

- Used C language to program a virtual microprocessor based on the ARM instruction set, enabling the microprocessor to decode and process 30 types of ARM instructions
- Implemented pipelining and branch prediction features which boosted instruction throughput by a factor of at least 5

Tweak My Title, MLH Snakes and Hackers Hackathon

January 2021 – February 2021

- Built a [fantasy name/title synonym generator](#) in **HTML**, **CSS**, and **JavaScript**
- Used Merriam-Webster's API to fetch synonyms for user-inputted words which were then randomly selected for display

High School Involvement Program, Northrop Grumman

Salt Lake City, UT

Engineering Intern

August 2018 – June 2020

- Assembled robots using LEGO components and programmed them in **Java** to complete navigational and combative tasks such as sensing boundaries, carrying and transporting objects, and battling other robots
- Engineered and [presented](#) a face recognition lock box using a **Python** library, electromagnetic lock, and raspberry pi

LEADERSHIP AND ACTIVITIES

C-Thru-AI

Chicago, IL

Intern

March 2022 – Present

- Helped co-founding Booth students to compete and [win](#) the UChicago Polsky Center's 2022 Global New Venture Challenge, which received a 1st place prize of \$50,000
- Designed the [pilot website](#) linked to by 2 Polsky Center pages, which received 210 unique visits within 30 days
- Conceptualized and voiced a 2.5 minute **Doodly** video posted on the website which outlined the purpose of the startup