

# WILLIAM LIN

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## EDUCATION

### University of Chicago

*Computer Science (B.S), Philosophy (Minor)* | GPA: 3.8

**Chicago, IL**

*Sept 2020 - Jun 2024*

**Relevant Coursework:** Honors Intro to Comp Sci, Intro to Computer Systems, Discrete Math, Theory of Algorithms

### Stuyvesant High School

*Stuyvesant Diploma* | GPA: 93.97

**New York, NY**

*Sept 2016 - Jun 2020*

**Relevant Coursework:** AP Calculus BC, AP Computer Science, Software Development, Systems Level Programming

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## PROFESSIONAL EXPERIENCE

### Major League Hacking

**New York, NY (Remote)**

*Production Engineering Fellow (powered by Meta)*

*May 2022 - Aug 2022*

- Completed 12 weeks of structured curriculum-based learning covering core Production Engineering topics, supplemented with events / workshops hosted by industry experts
- Created an open-source personal portfolio website template using Python, Flask, Jinja, MySQL, Nginx, and unittest
- Automated testing and deployment workflows using CI/CD through Github Actions
- Set up system and container monitoring, alerting, and visualization using Prometheus and Grafana

### UChicago Joseph Regenstein Library

**Chicago, IL**

*Library Computing Assistant*

*Apr 2022 - Jun 2022*

- Regulated the maintenance and upgrade of 110 computers & computer systems throughout the university library
- Managed a troubleshooting platform to receive and resolve tickets from staff regarding various technical issues

### Mella Pet Care

**New York, NY (Remote)**

*Generalist Intern*

*Jun 2021 - Sept 2021*

- Established the Customer Relation Management system through platforms such as Zendesk, Mailchimp, and Wix
- Analyzed and revised 60 pages of specifications documentation on the Mella desktop and mobile applications

### U.S. Census Bureau

**Brooklyn, NY**

*IT Clerk*

*Aug 2020 - Nov 2020*

- Assisted 50 census workers daily with technical issues regarding census devices and software applications
  - Expedited the reuse and collection of over 200 census hardware devices following the completion of the census
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## PROJECTS

### Terminal Shell (2021)

- Developed a terminal shell in C from scratch with commands such as advanced redirection; tested with batch files
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## TECHNICAL SKILLS

- Programming Languages: Python, C, C#, React JS, Javascript, Java, HTML/CSS, Bash
  - Frameworks/Tools: Linux, Flask, MySQL, Docker, Bootstrap, Jinja, Git, Github Actions, Prometheus, Grafana
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## LEADERSHIP & ACTIVITIES

### EX Crew

**Chicago, IL**

*Director of Community Outreach & Dance Liaison, Dance Choreographer*

*Sept 2021 - Present*

- Produced original choreography for a team set, winning 3rd place in a competition for on-campus dance groups
- Initiated contact and communication with professional dance instructors in Chicago to host workshops on campus