

Len Washington III

Education

Illinois Institute of Technology, Chicago, IL, 60616 Expected Graduation Date: May 2025
B.S., Artificial Intelligence (minor: **Energy/Environment/Economics**)

Relevant Courses Discrete Structures, Data Structures and Algorithms, Data Mining, Database Organization, Introduction to AI, Elementary Linear Algebra, Advanced AI, AI Language Understanding

Dean's List Fall 2023, Spring 2024

Work Experience

Youth District Advisory Council Member June 2023 – August 2023
Chicago Police Department

- Led discussions on ways to better connect with the community to improve police relations.
- Contributed to the community by helping improve the neighborhoods that we live and operate in by managing toy drives for youth and community clean ups.
- Developed and revitalized CPD's Police Athletics and Arts League (P.A.A.L) to better spark interest with younger members of the community.

Projects

IBM Remote Telescope Commission September 2023 – May 2024
Interprofessional Project (IPRO 497) Illinois Institute of Technology

- Translated the legacy imaging software from Swift to Java.
- Implemented a REST API using Java and Jakarta allowing users to connect to the service using HTTP.
- Constructed a gryoscope using an Arduino Uno to limit the telescope's range of movements to prevent it from crashing.

RLBot April 2022 – May 2023
Personal Project

- Developed a Discord bot integration to display rankings and skill distributions.
- Used Python and Playwright to scrape user data to be graphed using Matplotlib and posted to [Illinois Tech's Esports Discord server](#).
- Significant increase in improvements and match records were observed after RLBot was deployed.

WCS Banking (Mock Banking Website) September 2022 – December 2022
Database Organization (CS 425) Illinois Institute of Technology

- Tasked with developing a banking application with a full PostgreSQL backend.
- Allowed users to create accounts and deposit, withdrawal or transfer funds between accounts, including a custom 2-Factor Authentication to secure user login.
- Learned how to generate webpages with PHP and maintain a LAMP server.

Leadership Experience

Illinois Tech Esports – Rocket League Team Captain September 2022 – Present

- Coordinated collegiate matches between our team with other colleges.
- Implemented weekly training regiments for our team which resulted in an increase in matches from 0-5 to a current 3-3.
- Coordinate review sessions to review past games to improve future coordination.

Awards

M^cCarthy–Murzyn Award – Chicago Public Schools City Wide Mathematics League 2017–2018
Individual Award Algebra 1 Division B/C 2nd Place

Links

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Skills

Languages

Python
Java
C#
PHP
C/C++
Javascript
R

Technologies

HTML/CSS
L^AT_EX
Git
Markdown/RMarkdown
[Apache](#)
ArcGIS
Docker

Frameworks

Pandas
Numpy
Matplotlib
Tensorflow
Playwright
PyTorch

Database Management

PostgreSQL
MySQL

Interests

Artificial Intelligence
Networking
Information Technology
Data Science/Analytics
Sustainable Energy