

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 Artificial Intelligence, Elementary Linear Algebra

Dean's List Fall 2023

Links

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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 – Present
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 HTML.
- 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

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

Database Management

PostgreSQL
MySQL

Interests

Artificial Intelligence
Networking
Information Technology
Data Science/Analytics
Sustainable Energy