

Anlil Iwas

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EDUCATION

University of Illinois at Chicago

Bachelor of Science in Computer Science

Chicago, IL

Expected May 2027

- 3.9/4.0 GPA — S-Stem Scholarship — 4x Presidents List
- Relevant Coursework: Data Structures and Algorithms, Software Design, Machine Organization, Object Oriented Programming, Languages and Automata

EXPERIENCE

Software Developer

University of Illinois Chicago

Aug 2025 – Present

Chicago, IL

- Refactored legacy PHP codebase improving page performance by **30%** across 20+ university sites
- Shipped custom PHP plugins and functionality for UIC's multisite platform serving **25,000+** daily users
- Resolved accessibility violations achieving WCAG 2.1 AA compliance for ADA requirements across university sites

Software Engineer Intern

Waste Management, Inc.

Aug 2025 – Dec 2025

Lombard, IL

- Developed React/Node.js portal reducing document retrieval 60% for **700+** employees via PostgreSQL indexing
- Automated data cleaning with Python/pandas scripts, saving 10 hours/week of manual spreadsheet work
- Built JavaScript/SQL point tracker processing 800+ monthly activity submissions across 15 departments
- Delivered mobile-first redesign enabling field workers to submit forms and access documents from job sites

Data Science Intern

Waste Management, Inc.

May 2025 – Aug 2025

Lombard, IL

- Analyzed 10 years of safety data (**50,000+ records**) creating Power BI dashboards for 7 vertical directors
- Built live Power BI dashboards with SQL queries visualizing injury trends across **12 regions** via SharePoint
- Reduced incident analysis time by **85%** using complex SQL queries to automate OSHA metric reporting

PROJECTS

findmyex.earth – NASA Space Apps Finalist | *React, Vite, Flask, Python, Azure*

Oct 2025

- Trained ML models on **15,000+** archived NASA exoplanet observations to identify new candidates
- Achieved **99.8%** accuracy on Kepler data with 0.99 ROC-AUC using ensemble classification methods
- Deployed full-stack application on Azure with React visualization dashboard and Flask API backend

AI Posture Detector – Hack The North | *Next, Node.js, Express, AWS, Dynamo DB, OpenAI*

Sep 2025

- Engineered real-time posture monitoring web app to reduce neck and back pain for remote workers and students
- Integrated MediaPipe pose detection with DynamoDB to capture and store screenshots during poor posture events
- Generated posture reports using AI screenshot analysis, achieving **90%** accuracy in posture assessment

algozero.xyz | *Next, Node.js, TypeScript, PostgreSQL, AWS*

May 2025 – Aug 2025

- Developed unified platform combining LeetCode practice, gamified study modes, and peer discussions
- Integrated **200+** technical questions from public APIs across **10+** categorized study sets
- Deployed on Vercel/AWS achieving **sub-300ms** response times with PostgreSQL and GitHub Actions CI/CD

AI Vacation Planner | *React, Firebase, Google Cloud, Google Gemini, Tailwind CSS*

Mar 2025 - Apr 2025

- Built AI-powered travel planner generating personalized 3-7 day itineraries using Gemini AI, and Google Places
- Designed responsive React UI with real-time updates, supporting 5+ travel preferences and budget constraints

TECHNICAL SKILLS

Languages: C/C++, Python, Java, C#, JavaScript, SQL, PHP, Go

Technologies: React.js, Node.js, Spring Boot, Express.js, Flask, Django, NumPy, pandas

Tools: AWS, Git, Docker, Postman, Azure, Railway, Jira, Firebase, MongoDB, Lando, Snowflake