Obademilade ([Demi](#)) Fashemo

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EDUCATION

University of Pennsylvania | *School of Engineering and Applied Science* *May 2027*
Candidate for Bachelor of Science in Engineering *Philadelphia, PA*
Major in Networked & Social Systems Engineering, *Minors* in Engineering Entrepreneurship and Mathematics
***Networked & Social Systems Engineering is a specialized Penn degree program that combines Computer Science, Economics, and Network Theory.*
Relevant Completed Coursework: Programming Languages & Techniques I & II | Networked Life | Mathematical Foundations of Computer Science | Market and Social Systems on the Internet | Engineering Ethics | Technological Entrepreneurship | Engineering Entrepreneurship I | Scalable & Cloud Computing | Introduction to Algorithms
GPA: 3.2/4.0

Ursuline Academy of Dallas *May 2023*
Relevant Coursework: Introduction to Computer Science | Introduction to Python | AP Computer Science A *Dallas, TX*
| Computer Science Advanced Topics Honors | STEM Independent Research
GPA: 4.3/4.0, SAT: 1530 – Reading: 780, Math: 750

TECHNICAL SKILLS

- **Programming Languages:** Java | Python | OCaml | Javascript | SQL
- **Tools & Platforms:** IntelliJ IDEA | Microsoft Office Suite (Excel) | GitHub | AWS | Node.JS | React | DynamoDB | MySQL

WORK EXPERIENCE

SEO Tech Developer Program | *Intern* *May 2025 – Present*
- Build full-stack applications while applying software engineering fundamentals, data structures, and algorithms through coding workshops and technical interview prep.
- Collaborate on coding projects and receive mentorship from industry professionals to develop technical and professional skills that can adapt to any technical role.

CycleBar | *Customer Experience Specialist; Salesperson* *April 2023 – August 2023*
- Managed customer inquiries regarding account information and class-scheduling, executed new-member orientation *Dallas, TX*
- Maximized revenue by selling 20+ memberships per month and company-brand retail items through cold-calling and implementing social media marketing campaigns; Developed strong client engagement skills

Code Ninjas | *Coding Teacher* *October 2021 – January 2023*
- Instructed students aged 5-14 on coding curriculum including Java, Python, and C++ *Dallas, TX*
- Developed individualized lesson plans to guide each student through curriculum integrating problem-solving, logic, and software design

PROJECTS

InstaLite – Social Media Platform Development *April 2025 – April 2025*
- Co-developed Instagram-inspired social media platform featuring secure user authentication, image uploads with facial embedding matching via ChromaDB, and real-time chat functionality.
- Engineered personalized content feeds using Apache Spark–powered ranking algorithm, integrating Apache Kafka for posts

United to Learn *April 2022 – October 2022*
- Conducted a service project with a non-profit to help underfunded elementary schools combat teacher inconsistency
- Created an online curriculum aid that serves as a centralized resource of vetted educational videos for Spanish and English speakers; Led to temporary implementation of the resource in 12 United to Learn partner-elementary schools

Full-Stack Hangman Game *December 2023 – December 2023*
- Programmed an interactive version of popular computer game using Java and JavaFX for front-end user interface
- Implemented backend logic with use of Java Collections, JUnit Components, 2D Arrays, File Input/Output to encapsulate various portions of the game onto an interactive user interface

LEADERSHIP & EXTRACURRICULARS

Underrepresented Students Advisory Board in Engineering | *Board Member* *September 2023 – May 2024*
- Planned and executed 5 mixers and career information sessions per semester between 15-30 students and members of Engineering faculty.
- Presented action plan to Dean of Engineering School at the end of semester outlining initiatives to improve DEI relations