Contact

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www.linkedin.com/in/oludolapo-adegbesan-3168a7218 (LinkedIn)
havcker243.github.io/Portfolio/ (Personal)

Top Skills

Document Automation

Emotion Recognition

Distributed Caching

Languages

English (Native or Bilingual)

Yoruba (Native or Bilingual)

Spanish (Limited Working)

Certifications

HTML with responsive web design

Goldman Sachs - Software Engineering Job Simulation

Aptech Certificate of Accomplishment in Logic Building with C

Oludolapo Adegbesan

Prev @ Google, Ashoka, Propel2excel | CS @ Fisk University | Ambassador @ Brilliant Black Minds | Fellow @ Propel2Excel & Colorstack & Code2040 & NSBE & MLT | Python | C++ | React | JavaScript
Nashville, Tennessee, United States

Summary

Hi, I'm Oludolapo Adegbesan. I'm studying computer science with a focus on becoming a backend engineer. I'm passionate about promoting diversity in technology and giving back to the community. I strive to develop solutions that make technology accessible and inclusive. Let's connect and inspire change together!

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Experience

Black Venture Capital Consortium (BVCC)
Student Leader for SWE track
March 2025 - Present (9 months)
Nashville, Tennessee, United States

Management Leadership for Tomorrow
Student Fellow
March 2025 - Present (9 months)

Karat
Brilliant Black Minds Community Ambassador
December 2024 - Present (1 year)

Code2040
Engineering Fellow
June 2024 - Present (1 year 6 months)

ColorStack
Fellow
March 2022 - Present (3 years 9 months)

Google
Software Engineer Intern

May 2025 - August 2025 (4 months)

1.Developed a Chrome extension powered by Gemini LLM and TypeScript to analyze and summarize privacy policies in real time, enhancing user comprehension while ensuring on-device privacy and safety.

2. Built 30+ tests using Jasmine test and a custom pipeline to evaluate 5+ LLM prompts against 30 real-world privacy policies, selecting optimal prompts and reducing hallucination in production responses.

Bloomberg
3 months

Discover Bloomberg: HBCU Academy of Excellence
July 2025 - July 2025 (1 month)

Tech Insights Program
May 2025 - June 2025 (2 months)

One of 30 students selected for a summer mentorship with 50+ Bloomberg engineers.

JPMorganChase
Data for Good Hackathon - HBCU Edition
April 2025 - April 2025 (1 month)
Plano, Texas, United States

Propel2Excel
11 months

Fellow
October 2024 - April 2025 (7 months)

Student Ambassador
June 2024 - September 2024 (4 months)
Remote

Software Engineer
June 2024 - September 2024 (4 months)

Collaborated with a developer to implement a job API for the hiring board, accessing 200 jobs and increasing student applications by 20%, using JavaScript, SQL, and Python.
Implemented a MySQL database to store data pulled from the job API, featuring it on the website, and improving data management and accessibility by 10%.

HP
2nd Place HBCU Future of Work Academy (FOWA) Competition
June 2024 - September 2024 (4 months)
Remote

1. Led the development of a custom GPT integrated with 5 APIs (2 for jobs, 2 for housing, 1 for search and resume analysis) to assist minority students across multiple HBCUs with job and housing searches.

2. Collaborated with a team of 5 engineers to test the tool with 80 users, improving their job search efficiency and securing 2nd place out of 15 teams in the competition.

Goldman Sachs
Goldman Sachs Software Engineering Virtual Experience Program on Forage
August 2024 - August 2024 (1 month)

1. Completed Goldman Sachs's Software Engineering on Forage. In the simulation I:
Completed a job simulation as a Goldman Sachs governance analyst responsible for assessing IT security and suggesting improvements.
2. Identified that the company was using an outdated password hashing algorithm by cracking passwords using Hashcat.
3. Wrote a memo for my supervisor summarizing a range of proposed uplifts to increase the company's level of password protection including extending minimum password length and using a dedicated hashing algorithm.

SureStart
Machine Learning & AI Trainee, SureStart Program
May 2024 - August 2024 (4 months)
Remote

1. Completed an extensive training program covering key concepts in machine learning and artificial intelligence, including Python programming, neural networks, deep learning, and optimization techniques.
2. Gained proficiency in advanced AI topics such as convolutional neural networks, autoencoders, and the ethical considerations of AI, through a series of comprehensive modules.
3. Collaborated with a team on the PathFinderGPT project during a create-a-thon, where we developed a career roadmap tool for students using machine learning models.

4. Constructed backend routes using Flask and integrated the OpenAI API to deliver career roadmap data to the front end, significantly enhancing the application's responsiveness and user experience.

5. Optimized dynamic forms with React.js and Tailwind CSS, enabling seamless user input collection and improving full-stack functionality.

6. Addressed a common challenge faced by students in mapping out their career paths by training a machine learning model on data sourced from various online platforms, resulting in personalized, AI-generated roadmaps for students.

Ashoka
Software Engineer Intern
May 2024 - August 2024 (4 months)
Remote

1. Collaborated with a team of engineers to develop a website tailored for admin users at Ashoka, enhancing internal operations and data management processes.

2. Developed an AI-powered summary tool using Langchain and Python, which compiled information from fellows' websites and LinkedIn profiles. This tool significantly improved efficiency by reducing information retrieval time by 20%.

3. Implemented approval and rejection buttons along with endpoints for internal users, streamlining the data verification process. This initiative increased data verification efficiency by 10%.

CodePath
Intermediate Technical Interview Prep
May 2024 - August 2024 (4 months)
Remote

Goldman Sachs
Goldman Sachs 2024 virtual insight series program
May 2024 - May 2024 (1 month)
Remote

1. Engaged in a four-week professional development program designed to provide an in-depth understanding of Goldman Sachs' business operations and company culture.

2. Participated in interactive virtual sessions that covered key topics such as financial industry insights, professional skill development, and career opportunities within Goldman Sachs.

3. Networked with professionals across various divisions at Goldman Sachs, gaining valuable industry connections and insights into potential career paths.
4. Developed a better understanding of the skills and attributes necessary for success in the fast-paced and dynamic environment of a leading global financial firm.

Whitworth University
2 years

Black Student Union Treasurer/ Community Outreach Officer
June 2022 - May 2024 (2 years)
Spokane, Washington, United States

1. Approve and manage a yearly budget of $400 - $1500 to finance club events, presentations, swag for 40 members, food & equipment while increasing funds by 20% in fundraising efforts.
2. Coordinate weekly meetings & bi-weekly in-class presentations with President & executive board officials to promote awareness and diversity inclusion across the Whitworth Campus.
3. Initiate creative marketing strategies such as flier distributions which resulted in an 8% increase in student participation over 3+ months.

Computer Science Teaching Assistant
January 2023 - May 2023 (5 months)
Spokane, Washington, United States

1. Accelerated lesson attendance by 6% with engaging weekly study sessions, effectively enhancing student engagement and retention.
2. Increased final project success by 10% through challenging weekly case studies and exercises that promoted critical thinking.
3. Improved complex concept comprehension in C++ and Python for 10+ students, enhancing overall project completion.
4. Elevated project creativity and quality by incorporating real-world examples into weekly sessions, fostering innovative solutions.

BobaTalks
FirstGenU Career Institute
February 2024 - April 2024 (3 months)

Through a collaboration of Bobatalks & America Needs You, this program is designed to help first generation students build their skills in their desired career path.

CompSciLib

QA Tester
August 2023 - December 2023 (5 months)

1. Refined the AI Tutor by delivering targeted feedback from daily use, heightening content quality and user experience.
2. Streamlined program usability by finding and reporting interface issues, enriching the learning experience.
3. Collaborated with a team of 30+ beta testers to guarantee software effectiveness and reliability through meticulous beta testing, assuring an intuitive academic tool.
4. Fostered continuous improvement of the AI Tutor with insightful evaluations, meeting the diverse educational needs of 1000+ students in computer science and mathematics.

Black Venture Capital Consortium (BVCC)
Venture SWE Track Participant
September 2023 - October 2023 (2 months)
Spokane, Washington, United States (Hybrid)

2023 Venture SWE Track Participant

Bloomberg
Bloomberg Decoded
August 2023 - August 2023 (1 month)
300 W Hawthorne Rd, Spokane, WA 99251

1. Participated in the Bloomberg Decoded: Inside Tech Recruiting event, engaging in a comprehensive 3-day exploration of recruitment processes, featuring insights from industry experts, technical interview preparation, and career development sessions. Attended keynotes, workshops, and breakout sessions to enhance networking and career growth strategies.
2. Attended the immersive Bloomberg Decoded event, actively participating in workshops, keynotes, and breakout sessions focused on decoding recruitment practices and refining technical interview skills.
3. Demonstrated commitment to continuous learning and professional development within the tech industry.

NVIDIA
NVIDIA Summer Bridge Program
June 2023 - July 2023 (2 months)
United States

1. Selected for the elite NVIDIA Summer Bridge program, diving deep into the company's technological ecosystem through dedicated tech talks, emphasizing both software and hardware innovations.

2. Engaged in key events like NVIDIA Communities Day, Mentorship, and Networking sessions, gaining firsthand insights and fostering valuable industry connections.

3. Demonstrated an unwavering commitment to professional growth, capitalizing on career development opportunities and extracting profound knowledge from NVIDIA's seasoned experts over a transformative 6-week period.

GoDaddy
Godaddy Summer Workshop
June 2023 - June 2023 (1 month)
United States

Zillow
Zillow Interview Prep Course
March 2023 - March 2023 (1 month)
300 W Hawthorne Rd, Spokane, WA 99251

1. Chosen to participate in an intensive Interview Preparation Course conducted by Zillow, focused on honing the right skills necessary to excel in both behavioral and technical interviews.

2. Under the guidance of seasoned Zillow Engineers, we were exposed to effective communication strategies and best practices to further enhance our performance during the technical interview process.

Major League Hacking
3 months

Global Hackathon Week Participant
January 2023 - March 2023 (3 months)
Virtual

1. I attended the MLH hackathon where I was taught how to use and implement HTML, CSS, and Javascript, programming languages. I then applied it to make simple personal Projects.

Major league Civics Hacks
January 2023 - January 2023 (1 month)

1. Led the design and development of the front end for a community-focused website, 'Community Reach', using HTML, CSS, and JavaScript. This involved gathering essential information through intensive research and strategic communication, working in close collaboration with a diverse team to realize a shared vision.

2. Through this endeavor, I extended my skillset into backend development and honed my collaborative abilities by teaming up with individuals I hadn't previously worked with. Our team's efforts were recognized with a second-place finish out of 23 groups, and we have been bestowed the 'Best Civic Hack' award, further validating our commitment to the project.

Rogers High School
Teaching Assistant
September 2022 - December 2022 (4 months)
1622 E Wellesley Ave, Spokane, WA 99207

1. Motivated 24 high school students aspiring to college or breaking into tech by providing 20+ scholarship resources and proofreading college essays.
2. Tutored 10+ students in Python, C++, and Java; improved the total average grades by 25% and increased students' understanding of basic programming concepts.
3. Collaborated with faculty and alumni to integrate real-world projects into the course curriculum, increasing student participation in experiential learning and producing tangible industry results.

CodePath
Pathway: Web Development Fellow
September 2022 - December 2022 (4 months)
United States

1. Selected for a rigorous 10-week intensive program centered on full-stack development, with a strong emphasis on developing key soft skills and engaging in team-based project work.
2. Mentored by industry professionals from CodePath, acquiring in-depth knowledge in animation, web design principles, and the foundational pillars of web development: HTML, CSS, and JavaScript.

Google
Machine Learning Workshop
November 2022 - November 2022 (1 month)
United States

1. Engaged in a practical application of machine learning (ML) by utilizing Google Analytics 4 dataset from a real mobile application, 'Flood it.' This experience involved determining the probability of user return and generating batch predictions.
2. Leveraged BigQuery ML model, which was exported and deployed to Vertex AI for online predictions, utilizing the Vertex Python SDK. This exposure

provided us with a hands-on experience of ML models in action, enhancing our understanding of their application in real-world scenarios.

Aptech
2 months

HTML with responsive web design
August 2017 - September 2017 (2 months)
Abuja, Federal Capital Territory, Nigeria

Aptech Logic Building with C
August 2017 - August 2017 (1 month)
Abuja, Federal Capital Territory, Nigeria

I participated in the 2017 Logic Building C course, where I learned how to code in C and also the basic functions and structure of C.

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Education

Fisk University
Bachelor of Science, Computational Science · (January 2023 - December 2026)

Whitworth University
Bachelor of Science - BS, Computer Science · (September 2021 - May 2024)