Bolu Abegunde

Gainesville, FL   bolu.abegunde@yahoo.co.uk   (352)-665-7190   linkedin.com/in/boluwatife-abegunde

github.com/Bolu123-sudo

Education

Bachelor of Arts and Science in Computer Science & Economics   *Expected May 2027*
University of Florida, Gainesville, FL
Relevant Coursework: Data Structures and Algorithms, Discrete Structures, Linear
Algebra, Intro to Software Engineering, Intro to Computer Organization

Professional Experience

Information Technology Solutions Engineer Intern   *June 2025 - August 2025*
Orlando Health IT, Orlando, FL

- Implemented Python scripting for network switch automation using **Tera Term** and **PuTTY**, enabling programmability on Cisco switches and improving operational efficiency by 20%.
- Designed automation scripts integrating **API** frameworks to streamline configuration tasks, reducing manual workloads by 15%.

Software Developer/Information Technology Intern, Meristem   *Jan 2023 - March 2023*
Lagos, Nigeria

- Collaborated with IT Support team to develop, test, and deploy Java/Python applications for investment banking systems, cutting turnaround time by 12%.
- Created a demo chatbot, increasing client engagement and streamlining customer interactions by 18%.

Information Technology Intern   *March 2019 - April 2019*
Etranzact International PLC, Lagos, Nigeria

- Streamlined IT support workflows through network troubleshooting, improving resolution speed by 10%.

Technical Skills and Tools

Programming Languages: Python, Java, JavaScript, C++, MATLAB, SQL
Tools & Frameworks: Git, GitHub, Next.js, React, Tera Term, PuTTY, Power BI, VS Code, Canva, Replit

Projects

Rent vs Buy Decision Assistant

- Created a web-based financial decision tool comparing renting vs. buying using **Python** and **AI-driven scenario modeling**, with a **Next.js** frontend and **Git** for version control.
- Implemented data-driven models in **Pandas** and **NumPy** to calculate ROI and breakeven points.

Super Schoolers

- Developed a personalized school recommendation system in **C++** using **B-trees** for efficient storage/filtering and **Max Heaps** for ranking top schools.
- Integrated county-specific filtering, weighted metric selection, and CLI-based user interaction, enabling families to customize by test scores, graduation rates, safety, and stability.

Leadership Experience and Involvement

Assistant Treasurer, National Society of Black Engineers   *June 2025 - Present*
University of Florida Chapter

- Oversaw chapter finances and budgeting, managing $5,000+ annual budget and optimizing allocations to reduce costs by 8%.
- Organized NSBE & SASE "Gators and Industry" recruitment event, connecting 100+ STEM students with top recruiters.

International Chairperson, National Society of Black Engineers   *June 2024 - May 2025*
University of Florida Chapter

- Established new partnerships with international associations, increasing cross-chapter participation by 15%.

Member, ColorStack (National & UF Chapter)   *July 2025 - Present*
University of Florida

- Engaged in mentorship, peer support, career prep programs, networking, and coding workshops to improve retention and representation in engineering.

Verizon Full Stack Developer Summer Bootcamp   *May 2024 - August 2024*

- Developed full-stack web applications, focusing on front and back-end technologies using **JavaScript(React)**.
- Designed and implemented user interfaces **(UI)**, integrated **RESTful APIs**.