

KWAKU BOATENG

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SUMMARY

Computer Science student passionate about designing scalable, customer-centric solutions using cloud and distributed technologies. Experienced in developing backend systems and applying data structures, algorithms, and object-oriented design to real-world problems. Skilled in Java, Python, and AWS, with a strong commitment to ownership, collaboration, and continuous learning in fast-paced environments.

EDUCATION

Grambling State University,

December 2027

Bachelor of Science in Computer Science and Cloud Computing - GPA 4.0/4.0

Relevant Coursework: Data Structures & Algorithms, Database Systems, AI, Statistical Analysis, Computer Networks, Systems Programming

Certificates: IBM Artificial Intelligence Practitioner, CompTIA Security+, CodePath TIP 102

Honors: Presidential Scholar, Top 100 Governor's Scholarship Recipient, Earl Lester's Honors Scholar

SKILLS

- **Programming Languages:** Java, Python, C++, JavaScript/TypeScript, SQL
- **Frameworks & Tools:** AWS, Docker, React, Node.js, Django, Flask, Git
- **Technical Concepts:** Data Structures & Algorithms, Distributed Systems, Object-Oriented Design, Cloud Computing, Microservices, CI/CD
- **Security Tools:** Splunk, SIEM, NIST Vulnerability DB
- **Soft Skills:** Problem Solving, Ownership, Collaboration, Communication, Adaptability

WORK EXPERIENCE

Codveda Technologies, Software Engineering Intern (Backend Focus)

07/2025 – 08/2025 | remote, USA

- Designed and deployed data automation workflows that reduced system processing time by 35%.
- Collaborated across teams to align backend systems and on-vehicle data pipelines with operational requirements, improving reliability.

Snap Inc, Software Engineering Extern (AR/Data Focus)

03/2025 – 05/2025 | remote, USA

- Built analytics dashboards for real-time system monitoring used by 1,500+ AR users, improving response tracking by 30%.
- Partnered with UX teams to optimize user interfaces and data-driven visualizations using React and TypeScript.

Wells Fargo, Software Engineering Fellow (Backend/Data Systems)

09/2024 – 12/2024 | remote, USA

- Enhanced backend data models using Java and OOP principles, improving query performance by 40%.
- Implemented data validation and reliability testing pipelines that boosted integrity by 15%.

Bloomberg, Software Engineering Lab Fellow (Full-Stack/Cloud)

07/2024 – 09/2024 | Princeton, USA

- Built a cloud-based financial trading app with Python, Django, and AWS, enabling real-time data integration and boosting performance by 30%.
- Collaborated in Agile teams to deploy scalable cloud features, improving system reliability and efficiency.

PROJECTS

TechDigest – Full-Stack Engineer | (React, Tailwind CSS, Flask, OpenAI API, Netlify, GitHub Actions)

- Built a scalable web app summarizing tech news for 500+ students, reducing research time by 60% using React, Tailwind CSS, and Flask (Python).
- Integrated OpenAI API for automated summarization, deployed on Netlify (99.9% uptime), and boosted team efficiency 40% with GitHub Actions.

DailySync – Data Engineer | (Pandas, SQL, Kafka, Grafana)

- Designed real-time KPI tracking platform enabling A/B testing and statistical analysis at scale (10K+ users).
- Implemented fault-tolerant message queues and monitoring systems improving data availability and responsiveness.

FitGeanie – AI/Automation Engineer | (Tally.so, Zapier, Gmail/Mailchimp, Pickaxe Agentic AI, Docker)

- Developed personalized meal and workout plan generator for 180+ users, using adaptive AI models to reduce manual planning time by 50%.
- Automated intake and delivery workflows with Zapier and Docker containerization, improving user engagement and scalability.

EquiFace – Machine Learning Engineer | (TensorFlow, Python, Comet ML, VAE)

- Developed a CNN-based classifier with variational autoencoders to enhance bias mitigation and model reliability.
- Tracked performance and system fairness metrics using Comet ML to maintain model stability under distributed training.

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

- **Amazon Campus Prep Series (2025):** Career program centered on technical prep, leadership, and innovation at Amazon.
- **Microsoft Emerging Leaders Program (2025) - Asynchronous Cohort:** Leadership and professional storytelling cohort with 20+ peers.
- **CodePath Tech Fellow (2025):** Completed 10-week intensive in network defense, SIEM, and incident response.
- **Intramural Soccer team captain (Grambling State University) – MVP 2024/25 :** Recognized for leadership, teamwork, and strategic execution.
- **Propel2Excel Fellow (2025):** Professional development program focused on career readiness, technical growth, and leadership in tech industry.
- **AI4ALL Ignite Fellow (2025):** AI-focused innovation program emphasizing responsible AI development and real-world applications.
- **NSBE (National Society of Black Engineers) Member:** Actively engaged in professional development, networking, and community initiatives.
- **ColorStack Fellow:** Participated in mentorship and programs supporting underrepresented students in tech.