Jammel Yeboah

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Education

University of Virginia | Charlottesville, VA   Expected Graduation, May 2026

Bachelor's in Computer Science, Statistics, Minor in Real Estate, GPA **3.88**

Relevant Courses: Computer Systems Organization, Compilers, Data Structures and Algorithms, Discrete Mathematics

Experience

Netflix | Los Gatos, CA   *May – August 2024*
Incoming Software Engineer Intern

Zocdoc | New York, NY   *June – August 2023*
Software Engineer Intern
- Engineered a full-stack multi-step questionnaire for patients seeking dentists, increasing bookings, realized appointments, and positive patient and provider reviews
- Utilized React TypeScript for building front-end components and triage flow, and C# in introducing new GraphQL endpoints
- Conducted smoke, unit, and API testing, ensuring software stability and leading to a smoother user experience
- Established A/B testing metrics, monitored trends with Sentry and Datadog, and adjusted development strategy accordingly

Natera | San Carlos, CA   *May – August 2022*
Software Engineer Intern
- Designed and developed a Django-based Learning Management System, simplifying Continuing Education for employees
- Proposed and developed an automatic certificate generation system using Python, reducing certification time by over 50%
- Strategically utilized AWS S3 for the streamlined storage and organization of user media, certificates, and templates

AbbVie | Worcester, MA   *March – May 2021*
Project Engineer Intern
- Collaborated with a team of three engineers to draft updated safety procedures and protocol, as per OSHA Y14.5, reducing workplace injury by 50% in Q3 and Q4 of 2021
- Examined and compared AbbVie's laboratory process of chemical storage and rust prevention with external resources, isolated potential flaws, and suggested improvements to senior employees
- Participated in agile ceremonies including daily stand-ups, sprint planning, and one-on-one meetings

Extracurriculars / Activities

Hudson River Trading | *Inside HRT Participant*   *April 2024*
Citadel and Citadel Securities | *Discover Citadel Participant*   *April 2024*
USACO | Platinum Participant (C++)   *December 2023*
ColorStack | Member   *September 2023 – Present*
UVA Black Student Alliance | Academic and Career Development Committee   *September 2023 – Present*
National Society of Black Engineers (NSBE) | Member   *September 2023 – Present*

Projects

Custom 32-bit Operating System Kernel (In progress)   *April – August 2022*
- Implemented kernel bootstrapping in Assembly, and core in C, integrating a VGA text mode buffer for output operations
- Planning to enhance functionality by implementing virtual memory paging, heap allocator, and process scheduler

NFT Minting in Augmented Reality   *April – August 2022*
- Engineered the complete development of an Android and Windows compatible Web3 app with Solidity, C#, and Unity
- Used Solidity to interact with the Polygon network to allow for user authentication, smart contract and NFT creation
- Allowed for seamless loot box placement and opening, NFT collection, minting, and saving in user's decentralized wallet

Skills

Programming Languages: Python (NumPy, Pandas, TensorFlow), C, C++, Java, C#, JavaScript, NoSQL (MongoDB), SQL (MySQL)
Tools and Technologies: Git, AWS, Perforce, Docker, Node.js, React, Django, Flask, Terraform, Linux (Ubuntu, Debian)