

# Jammel S. Yeboah

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## Education

**University of Virginia | Charlottesville, VA**  
Bachelors in Computer Science, Statistics

Expected Graduation, May 2025

## Experience

**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 200% 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

**Worcester Public Schools | Worcester, MA**

May – August 2020

**Web Developer Intern**

- Designed wireframes and mockups for both mobile devices and web browsers with Figma
- Developed and adapted the wireframes into a responsive remote learning website for the county schools by using React.js
- Created and implemented a plan with district authorities to improve digital learning and technology availability for students, resulting in the distribution of ~6000 laptops to students to aid remote learning

## Projects

**Cloud Service Pricing Analyzer** | URL: <http://www.cloudpricinganalyzer.com/>

April – July 2022

- Developed and published a Flask web app that finds the best cloud service from several providers based on user criteria
- Used Python optimization techniques to efficiently search thousands of results from the GCP, Azure and AWS Pricing APIs
- Used SQLite to incorporate full CRUD functionality which involves the creation, viewing, and deletion of past reports

**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, C/C++, JavaScript, HTML/CSS/SCSS, Java, NoSQL (MongoDB), SQL (MySQL, SQLite), Bash  
**Tools and Technologies:** Git CLI, AWS, Perforce, Docker, Node.js, React, Django, Flask, Terraform, Linux (Ubuntu, Debian)

## Additional Information

**Certifications:** CompTIA A+, C++ Certified Associate Programmer, Google Level 1 Educator, MS Office Specialist, OSHA 10

**Interests:** Soccer, Basketball, Gardening, Greek and Roman Mythology