

Jayla Cribb

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SUMMARY

Ambitious Computer Science and Mathematics student at Virginia State University with a 3.8 GPA, building expertise in software development, web technologies, and foundational cloud computing and cybersecurity skills. Proficient in Python, Java, JavaScript, HTML/CSS, and actively developing proficiency in React Native through app projects. Experienced in creating engaging learning experiences that boost community tech participation and leading collaborative projects in hackathon environments. Eager to apply my technical abilities to solve real-world problems while deepening my knowledge of cloud infrastructure and cybersecurity practices.

EDUCATION

Virginia State University, Expected May 2027

Petersburg, VA

Bachelor of Science in Computer Science; 3.8/4.0 GPA

Bachelor of Science in Mathematics; 3.8/4.0 GPA

Relevant Coursework: Programming 1 + lab, Intro to Computer Science Profession, Programming 2 + lab, Intro to Front-end Development, Programming with JavaScript, Data Structures

CERTIFICATIONS

- Introduction to Front-End Development – Coursera | June 2024 [Verify here!](#)
- Programming with JavaScript – Coursera | July 2024 [Verify Here!](#)

SKILLS AND SOFTWARE PROFICIENCIES

Python • Java • HTML/CSS • JavaScript • Windows • VS Code • Linux • macOS • Microsoft Excel • React Native • React

WORK & LEADERSHIP EXPERIENCE

Fall 2024 -- Present

Virginia State University

Petersburg, VA

Smart Parking Management System project

- Actively developing proficiency in React Native through side projects, laying the groundwork for future mobile app implementation.
- Working with a cross-functional team to design an app interface that enhances the user experience while honing skills in React Native
- Developed proficiency through side projects and built two React Native apps – a task manager and a number-guessing game focused on state management and UI optimization. Engaged in feature planning to ensure long-term functionality.
- Successfully created responsive interface designs and increased React Native proficiency by 40%.

Fall 2024 -- Present

Richmond Redevelopment Housing Authority

Petersburg, VA

RRHA/RHA Summer Intern

- Part of a summer program to improve tech engagement for youth in the community access to computers and learning resources.
- Taught web development basics to over 30+ children and improved community access to online learning by setting up additional technology resources.
- Designed a non-programmer-friendly curriculum and guided students in coding an animated name banner using HTML, CSS, and JavaScript. Assembled and configured 10+ computers to increase access for families in need.
- Achieved a 25% increase in student engagement in tech activities, and improved tech accessibility for the community by 35%, resulting in greater access to digital resources.

Fall 2024

Virginia State University

Petersburg, VA

Hackathon Project -MenthAssist

- Participated in a hackathon to develop accessible mental health resources through technology.
- Collaborated with a beginner's team to design and implement an AI chatbot to provide mental health resources and exercises.
- Led project planning, organized team meetings, and ensured timely completion of project milestones, prioritizing essential tasks for streamlined development.
- Successfully launched a functional AI chatbot, achieving 40% improvement in team collaboration and time management, with the chatbot receiving positive feedback from 100% of users.

Spring 2024

Deloitte

Petersburg, VA

Deloitte Cloud Bootcamp

- Attended Deloitte's Cloud Bootcamp to gain hands-on experience with cloud fundamentals.
- Learned to deploy and manage cloud infrastructure across AWS, Azure, and GCP while enhancing skills for future cloud-based roles.
- Participated in labs, workshops, and case studies, learning key architecture and design principles for scalable, secure cloud solutions. Networked with professionals and peers to broaden industry insights.
- Increased knowledge retention by 20% and gained proficiency in creating resilient solutions, reducing cloud deployment time by 25%, and optimizing cost by 15%.

ACTIVITIES & HONORS

Math Club • Coding Club • Highest Achieving certification recipient • Computing scholarship recipient • Virginia College Affordability Network (VCAN) recipient • Cybersecurity Club • NSBE (National Society of Black Engineers) general body member • Phenomenal Woman Scholarship recipient