

Tyeon Ford

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[Linkedin](#) Projects: [Github](#)

EDUCATION

- University of Richmond (UR)**, Richmond, VA May 2027
Bachelor of Science, Computer Science, Minor in Mathematics
- Reynolds Community College**, Richmond, VA May 2023
Associate Degree, specialized in Computer Science
- CodeRVA Regional High School**, Richmond, VA May 2023

COMPUTER SKILLS & LEADERSHIP

Languages: C++, Java, Python, C#, HTML/CSS, SQL, JavaScript, Go

Tools/Frameworks: Git, Figma, Canva, Jira, Github, GitLab Confluence, React, Linux, Wordpress, .NET, Vue.js

Relevant Courses: Data Structures, Algorithms, Software Systems, Computer Organization, Database Systems, Discrete Structures, Statistics

Affiliations: Girls Who Code (25-26 President), ACM (25-26 President), National Society of Black Engineers, NCWIT, IEEE, SWE, NHS, Partnership For the Future

WORK EXPERIENCE

- IT / Software Engineering Intern**, *Johns Hopkins APL*, Laurel, MD May 2026 - Aug 2026
- Full stack development on the Custom Applications team for an internal management application for classified people, facilities, and projects.
 - Researched and reduced cost spent on third-party plugins for APL's wiki
 - Contributed using C#, SQL, AI, Azure DevOps, Agile, HTML/JS
- IT / Software Engineering Intern**, *Markel*, Richmond, VA Jun 2025 - Aug 2025
- Remade a Centura app into C#.NET utilizing Github Co-pilot to minimize technical debt
 - Developed monitoring dashboards to check the health of multiple systems
 - Optimized C#, AI, Confluence, Atlassian, Jira, Power BI, Datadog
- Robotics Research Assistant**, *Department of Computer Science*, UR Jan 2024 - Nov 2025
- Assisted in new algorithms of multi-robot coordination that allow humans and robots in close proximity
 - Practiced ROS2 (Python), Zenoh, Linux, 3D modeling, NumPy, Rhino8
- Data Quality Engineer Intern**, *Capital One*, Henrico, VA Jun 2023 - Aug 2023
- Data reports & visualization regarding assets reaching end of life
 - Utilized Snowflake, SQL, Cloud computing, AWS Quicksight, Microsoft Excel Experience
- Software Engineer Intern**, *HopDrive*, Richmond, VA Jan 2023 - Apr 2023
- Created an algorithm of paying drivers based on their time and mileage
 - AWS Cloud Services, PostgreSQL, jQuery Experience

AWARDS

- NCWIT National Honorable mention & Virginia affiliate award (2023)
- Virginia Governor's Scholar Medallion (2023)
- CAPWIC Scholarship (2025)
- Dr. B. Lewis Barnett, III Outstanding Service Award (2026)