Alyssa Davidson

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EDUCATION

Auburn University   Auburn, AL
Bachelor of Science in Computer Science   Expected Graduation Date: December 2025
Cumulative GPA: 3.56 / 4.00

SKILLS

- Compile and Debug Java, C++, Python, Ruby
- Operate Linux Based Systems and command-line interfaces
- User Interface and Product Design
- Unified Modeling Language (UML)
- Deployed Machine Learning Algorithms
- Certified in SolidWorks Associate CAD
- Certified in C-Tech Copper and Fiber Cabling
- Certified in TestOut PC Pro
- Certified in Microsoft Word, Microsoft Excel and Microsoft PowerPoint

WORK EXPERIENCE

Publix Market At The Shoppes At Cary Creek   Auburn, AL
Customer Service Staff   April 2020 – Present

- Diligently handle transactions including POS, credit, cash, checks, and money service transactions to ensure the accuracy of orders
- Assist with onboarding and train over a dozen associates in accordance with company procedures and standards
- Manage cashiers' drawers, cash operations working with at least $6,000 a day to identify and resolve cash discrepancies
- Coordinate as many as 25 associates during a shift to ensure the department is executing tasks with maximum efficiency

PROJECTS

Driver Safety System   Auburn, AL
Team Member and Leader   August 2022 – December 2022

- Led a team of 5 in the development of a Driver Safety System using Python, managing brainstorming sessions, task delegation, and project timelines
- Developed a system that automatically adjusted seat and steering wheel positions for optimal airbag deployment based on collected data
- Designed a user-friendly GUI for easy interaction and system monitoring
- Ensured project completion within deadlines, maintaining high standards of quality and functionality

O.G.R.E Robotics Team   Opelika, AL
Programming Member and Marketing Team Captain   August 2018 – May 2021

- Developed and implemented Java programs to support and enhance FRC competition requirements, ensuring high performance and reliability
- Updated and optimized previous years' code to align with evolving competition standards and new team goals
- Crafted clear, modular, and well-documented code to promote easy interpretation and future maintenance by team members
- Designed branded materials, including team buttons, shirts, and advertisements, to strengthen team identity and visibility

PERSONAL ACHIEVEMENTS

- National Honor Society
- Mu Alpha Theta
- Science National Honor Society
- Opelika High School Emissary