

# MASON KELLER

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## EDUCATION

**Bachelor of Science:** Computer Science, Expected in 05/2026

**Auburn University, College of Engineering** - Auburn, AL

- **Association for Computing Machinery** member, *January 2023 - Present*
- **Tiger Dev Club** Member, *September 2024 - Present*
- **Delta Kappa Epsilon** Member, *August 2022 - Present*
- **Delta Kappa Epsilon** Rush Committee member, *May 2023 - Present*

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## PROFESSIONAL SUMMARY

Detail-oriented, motivated junior pursuing a Bachelor of Science in Computer Science at Auburn University. Strong foundation in problem-solving, technology, and teamwork developed through academic projects and professional experience. Passionate about software development, with a growing skill set in programming, project collaboration, and continuous learning. Eager to apply technical knowledge and creativity to real-world problems in the tech industry.

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## EXPERIENCE WITH

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|--------|----------|--------|
| • C++  | • C#     | • CSS  |
| • Java | • Python | • JS   |
| • Ruby | • SQL    | • HTML |

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## PROFESSIONAL EXPERIENCE

**Software Engineering Intern**, 05/2025 - Present

**OrthoTOM, The Orthopedic Marketplace** – Birmingham, AL

*Developed and furthered my experience in both web development and proper, efficient testing of software as well as gained experience working in production code and industry standard collaboration tools such as Slack, Git, and Jira.*

- Reviving and modernizing a deprecated Python-based testing suite using Selenium and Allure to restore automated QA functionality.
- Developing and maintaining unit and integration tests to ensure robust, reliable, and scalable test coverage

**Computer Science Tutor**, 09/2024 - 12/2024

**Auburn University** – Auburn, AL

*Tutored first semester freshman computer science students at Auburn University on both the fundamentals of computer science and object oriented programming. Educated the students on the basics of coding tools such as IDEs and automated testing*

- Tutored students in specific programs such as Webcat, Visual Studio Code, and Vocareum
- Evaluated student progress in Java coding methods and developed plans of action for achievement.

**Independent Research Project**, 07/2021 - 5/2022

**University of Alabama** – Tuscaloosa, AL

*Completed an independent study under the supervision of Dr. Jeff Gray, a University Distinguished Professor in the Department of Computer Science (College of Engineering) and head of the Randall Research Scholars program at the University of Alabama, regarding computer science and its critical role in automotive safety*

- Enhanced research quality by testing rigorous methodologies and data analysis techniques.
- Streamlined data management processes by creating efficient systems for storage, retrieval, and analysis of data
- Researched the role of Computer Science in automobile safety, proposed and tested a program with that could further automotive safety, and presented my findings to a panel of judges

**Vex Robotics Volunteer**, 09/2021 - 5/2022

**Cherokee Bend Elementary** – Birmingham, AL

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*Mentored and instructed an elementary school's Robotics Team in my school district on the fundamentals of programming via Vex Robotics. The Robotics team placed 2nd in the 2022 Vex Robotics World Championships in the Teamwork Challenge division.*

- Provided coding assistance using specific curriculum and materials from Vex.
- Used strong interpersonal communication skills to convey information to the students, teachers, and staff.
- Discussed with teachers and staff to stay up-to-date on coding goals for the students, and effectively helped meet those goals.

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### ACCOMPLISHMENTS AND AWARDS

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- **Honorable Mention Award** in the Central Alabama Regional Science and Engineering Fair, for a project related to an independent study on computer science's role in automotive safety
- **Computer Science Student of the Year**, Received the Computer Science department award for outstanding accomplishments in the field of computer science from Mountain Brook High School, Alabama May 2022

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### WORK EXPERIENCE

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**Mellow Mushroom** – Auburn, AL, 05/2024 - 05/2025

- Prepared multiple orders simultaneously during peak periods with high accuracy rate, maximizing customer satisfaction
- Worked with team members to maintain a clean and safe working environment
- Adapted quickly to new recipes and techniques, demonstrating versatility and eagerness to learn from colleagues.

**Connor's Creamery** – Birmingham, AL, 05/2019-7/2023

- Coordinated with team members during busy shifts to achieve efficient workflow and excellent guest experiences.
- Cultivated warm relationships with regular customers.
- Enhanced customer satisfaction by promptly attending to their needs and providing personalized service.