

# ADAM SMITH

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Software Engineer | Full-Stack Developer | Eagle Scout

## EDUCATION

<b>Auburn University</b> <i>Master of Science in Computer Science and Software Engineering</i> <i>Bachelor of Software Engineering, Minor in Mathematics</i>	<b>Auburn, AL</b> <b>Jan 2024 - Present (GPA: 4.00)</b> <b>Aug 2018 - Dec 2022 (GPA: 3.53)</b>
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## SKILLS

- **Languages:** C#, JavaScript (ES6), SQL, HTML, CSS, Java, TypeScript
- **Frameworks and Libraries:** ASP.NET Core, ASP.NET Framework, ASP.NET Web Forms, Entity Framework, jQuery, Bootstrap
- **Tools and Platforms:** Git, GitHub, Azure DevOps, Visual Studio, Jira, Confluence, ServiceNow, NPM

## WORK EXPERIENCE

<b>Auburn University: Campus Web Solutions</b> CWS is a software development unit that builds and maintains web applications for Auburn University clients and initiatives. <i>Associate Systems Engineer / Technical Lead</i>	<b>Auburn, AL</b> <b>Jan 2023 - Present</b>
<ul style="list-style-type: none"><li>- Continue responsibilities started as a student developer, but with additional project lead, architect, and supervisor roles</li><li>- Organize and administer CWS GitHub, creating automated integration and deployment processes to standardize the dev pipeline</li><li>- Shift left with automated dependency-related security scanning, refactoring apps to declare dependencies the correct way</li><li>- Migrate CWS internal NuGet package to multi-targeted "microtoolkits" to ease our group's movement into ASP.NET Core</li><li>- Improve quality and performance of legacy applications, modernizing them and making them more cloud-ready</li><li>- Train developers in our two-week onboarding bootcamp and mentor them throughout the semester</li><li>- Solve more serious production problems, acting as a frontline incident responder to solve client issues</li><li>- Took on a mobile development work bubble covered by a past employee and fought fires until all apps were gracefully retired</li><li>- Created new CWS wiki, migrating scattered documentation to a consolidated location</li><li>- Cleaned up the inventory – updating information, retiring applications, and improving processes to get accurate data again</li></ul>	
<i>Student Developer (Co-op)</i>	<b>Jan - May 2021, Aug - Dec 2021, May - Aug 2022</b>
<ul style="list-style-type: none"><li>- Involved with both new development and maintenance of ASP.NET Framework web apps as a full-stack contributor</li><li>- Collaborated and triaged issues with a team of 5 other developers, mentoring and code reviewing newer team members</li><li>- Part of an organized software supply chain, with daily standups, code review, quality / security testing, and stakeholder approval</li><li>- Carried key project releases to the finish line as a lead developer</li><li>- Refactored applications to provide better documentation, less complexity, and better adherence to team standards</li></ul>	

## PROJECTS

<b>Masterpage Project</b> Upgrading applications to the newest Auburn branding, as well as improving the underlying remote razor view layout tooling	<b>CWS, Spring 2023 - Present</b>
<ul style="list-style-type: none"><li>- Improve the CWS2022 masterpage, adding more sections to improve client and developer experience</li><li>- Supervise and code review developer work on site masterpage upgrades</li><li>- Develop and enhance cross-platform .NET Standard masterpage toolkit that works for both .NET Core and .NET Framework</li><li>- Migrated masterpage brands to azure blob and introduced versioning that allows an easier time updating production masterpages</li></ul>	

<b>CEPS</b> Campus Event Planning System used to request approval for events on university property. Committees review and make decisions based on risk management and other factors.	<b>CWS, Spring - Fall 2023</b>
<ul style="list-style-type: none"><li>- Supervised the development of site updates, including a new email hub to data-drive event-triggered email templates</li></ul>	

<b>Pharmacy Scheduler &amp; Healthy Tigers</b> Event manager for public university health-related appointments, primarily COVID-19 vaccine appointments and sentinel testing. Later grew to be used as well for scheduling yearly health screenings for AU employees insured through the university.	<b>CWS, Fall 2021 &amp; Summer 2022</b>
<ul style="list-style-type: none"><li>- Made a solution for site admins to manually add patients to appointments in the case of user difficulty or software issues</li><li>- Developed a solution for the dependents of Auburn employees to be able to schedule appointments through the application</li><li>- As a technical lead, fixed incidents and interfaced with clients to get the project from hypercare into normal production support</li></ul>	

<b>Event Ticketing</b> Audit tracking system for event tickets and parking passes, retaining records of their history for bookkeeping purposes	<b>CWS, Fall 2021</b>
<ul style="list-style-type: none"><li>- Lead the effort to finish and refactor integral parts of the application for its initial release</li></ul>	