## EDUCATION

**Auburn University Auburn, AL**

***Master of Science in Computer Science and Software Engineering* Jan 2024 - Present (GPA: 4.00)**

***Bachelor of Software Engineering, Minor in Mathematics* Aug 2018 - Dec 2022 (GPA: 3.53)**

## 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

**Auburn University: Campus Web Solutions Auburn, AL**

CWS is a software development unit that builds and maintains web applications for Auburn University clients and initiatives.

***Associate Systems Engineer / Technical Lead* Jan 2023 - Present**

* Continue responsibilities started as a student developer, but with additional project lead, architect, and supervisor roles
* Organize and administer CWS GitHub, creating automated integration and deployment processes to standardize the dev pipeline
* Shift left with automated dependency-related security scanning, refactoring apps to declare dependencies the correct way
* Migrate CWS internal NuGet package to multi-targeted “microtoolkits” to ease our group’s movement into ASP.NET Core
* Improve quality and performance of legacy applications, modernizing them and making them more cloud-ready
* Train developers in our two-week onboarding bootcamp and mentor them throughout the semester
* Solve more serious production problems, acting as a frontline incident responder to solve client issues
* Took on a mobile development work bubble covered by a past employee and fought fires until all apps were gracefully retired
* Created new CWS wiki, migrating scattered documentation to a consolidated location
* Cleaned up the inventory – updating information, retiring applications, and improving processes to get accurate data again

***Student Developer (Co-op)* Jan - May 2021, Aug - Dec 2021, May - Aug 2022**

* Involved with both new development and maintenance of ASP.NET Framework web apps as a full-stack contributor
* Collaborated and triaged issues with a team of 5 other developers, mentoring and code reviewing newer team members
* Part of an organized software supply chain, with daily standups, code review, quality / security testing, and stakeholder approval
* Carried key project releases to the finish line as a lead developer
* Refactored applications to provide better documentation, less complexity, and better adherence to team standards

## PROJECTS

**Masterpage Project CWS, Spring 2023 - Present**

Upgrading applications to the newest Auburn branding, as well as improving the underlying remote razor view layout tooling

* Improve the CWS2022 masterpage, adding more sections to improve client and developer experience
* Supervise and code review developer work on site masterpage upgrades
* Develop and enhance cross-platform .NET Standard masterpage toolkit that works for both .NET Core and .NET Framework
* Migrated masterpage brands to azure blob and introduced versioning that allows an easier time updating production masterpages

**CEPS CWS, Spring - Fall 2023**

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.

* Supervised the development of site updates, including a new email hub to data-drive event-triggered email templates

**Pharmacy Scheduler & Healthy Tigers CWS, Fall 2021 & Summer 2022**

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.

* Made a solution for site admins to manually add patients to appointments in the case of user difficulty or software issues
* Developed a solution for the dependents of Auburn employees to be able to schedule appointments through the application
* As a technical lead, fixed incidents and interfaced with clients to get the project from hypercare into normal production support

**Event Ticketing CWS, Fall 2021**

Audit tracking system for event tickets and parking passes, retaining records of their history for bookkeeping purposes

* Lead the effort to finish and refactor integral parts of the application for its initial release