

LUCA VASILACHE

Falls Church, VA | 571-594-6895 | lucavasilache@lucavasilache.com | lucavasilache.com | [LinkedIn](#) | [GitHub](#)

Seeking Junior Software Engineer Roles as Web, Front-End, or Full-Stack Developer

EDUCATION

B.S.: Applied Computer Science, Software Engineering concentration

George Mason University | Falls Church, VA

Graduated May 2025

Dean's List, annually (semester GPA 3.5+) including Spring 2021, Spring 2022, Fall 2023, Fall 2024, and Spring 2025.

EXPERIENCE & PROJECTS

Web Development Project Oversight

Web App Development – SWE432 | George Mason University | Falls Church, VA

Fall 2024

SWE432 Web App Development (screen of station playlist management interface).

As part of Web App Dev. Course, I helped oversee a team of three's project evolution with style choices for the page routes while tackling my assigned page route. This involved back-end development with Express Routing, NPM/Node, EJS Templating, MongoDB, ES6, etc.

SVGem Graphics Web Application

Software Engineering – CS321 | George Mason University | Falls Church, VA

Fall 2023

SVG Image Editing PWA Expanded in CS321 Software Engineering through team collaboration. The app logic was client-side, utilizing Front-End Development.

Initially an individual project that applied manipulation of SVG files. This was further expanded into a semester team project used to explore Agile Development, Agile Methodology, and implement modularity including improving cohesion while reducing coupling. This was an implementation of Software Development using web technologies.

KEY SKILLS

- HTML5 – semantics best practices by using relevant tag names, preprocessors, etc.
- CSS & SASS – User Interface Design includes responsive design, media queries, flexbox, grid
- JavaScript and TypeScript – latest practices like ES6 arrow syntax and variable conventions, etc.
- React.js and Vue.js – eager to implement and expand skills through practical application
- Git and GitHub – Version Control Management and synchronization
- jQuery – understand how to switch or transition between vanilla JavaScript and jQuery
- Java Object-Oriented Programming – University-acquired understanding of OOP
- Vector Graphics Integration – developed prototype SVG image editing app with professional UI

CERTIFICATIONS & OTHER SKILLS

- [The Complete Node.js Developer Course \(3rd Edition\)](#) by Andrew Mead and Rob Percival
NPM, Jest, ES6/ES7, REST API, Async. Programming, Express.js, MongoDB and Mongoose
- Other Skills: SQL, Spring Boot with Thymeleaf, Debugging and Testing