

# Zachary G. Williams

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[www.linkedin.com/in/zachary-glenn-williams](http://www.linkedin.com/in/zachary-glenn-williams) | <https://github.com/ZacharyGWilliams>

## Skills

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**Proficient:** C#, Angular, TypeScript, JavaScript, SQL, HTML, CSS, Microsoft SQL Server

**Familiar:** Unity, Python, Microsoft .NET, MVC Design, Git

## Professional Experience

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### Tech Wizards Inc, King George, VA

Software Engineer - Unity Developer

October 2023-Present

- Designed and developed game components to emulate their real world function for a virtual training environment utilizing Unity and C#.
- Collaborated with other software engineers in daily meetings to discuss build features, creative problem solving, and improve the development process for the team.
- Performed code reviews for Unity projects focusing on improving functionality, readability, and to ensure adherence to company's coding best practices.

Software Engineer Lead - Full Stack Web Development

October 2023- June 2025

- Lead a three man team for the below referenced Angular application, which included maintaining tasking for team members, performing code reviews, and managing software deployments.

Software Engineer - Full Stack Web Development

October 2019-June 2025

- Designed and developed an Angular application, utilizing TypeScript, C#, and SQL, to facilitate the invoicing and contract management process, which was done previously manually in Excel, resulting in a reduction of time and labor, ease of reporting, and viewing the data for the end users.
- Designed an algorithm to parse and upload data from an Excel file, verify content validity, and create entries into the database to create accurate invoices within the application developed.
- Designed and maintained a SQL database utilizing common table expressions, stored procedures, and functions.
- Consulted in bi-weekly meetings with end users and project managers to expand scope of the application, enhance the users' experience, and to identify areas for improvement within the program.

## Projects

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### Personal Website

- Designed a personal website with HTML, CSS, and JavaScript to display front-end development experience, to provide information about myself, and provide access to my LinkedIn and GitHub repository.

### Debt Interest Calculator

- Designed and implemented a Python program to take user input and calculate the amount of interest paid, total payments amount, and estimated payoff date using two common payoff methods (Highest Interest First vs Highest Monthly Payment First).

## Education

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### Bachelor of Science, Computer Science

Oregon State University, Corvallis, OR

Sept 2018-May 2020

- Relevant Coursework: Web Development, Analysis of Algorithms, Data Structures, Relational Databases

### Bachelor of Science, Nutrition Science

North Carolina State University, Raleigh, NC

Sept 2013-May 2016