

TYLER APSLEY

Software Engineer

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Experience

Software Engineer

Imagine Learning, January 2019 – September 2025

- Support internal Digital Asset Management website, including updating and modifying the front end web page in React.js and communicating with AWS.
- Handle login flow in the main Web application, parsing tokens and redirecting to appropriate destinations from the universal login page.
- Write custom tools and components in C# for the Unity Game Engine that are reused and applied in many different gameplay scenarios.
- Work with designers to bring their storyboards to life, and offer ideas for improvement and feasibility.
- Conduct live review sessions, demonstrating the latest version of the activity before multiple teams and taking their feedback.
- Iterate quickly on designs, efficiently implementing feedback from the sandbox prototype stage, through alpha, beta, and release.
- Deploy Unity game applications regularly to multiple platforms, including iOS, Amazon, Google Play Store, and WebGL.
- Add support for 5 additional languages across all sections of the product from backend to frontend.

Learning Suite Front End Web Developer

Brigham Young University, March 2016 – March 2019

- Interpret the large amount of existing code in order to modify and add to it. Overhauled the Learning Suite file system.
- Work with regression testers to find and solve bugs in complex systems.
- Developed many new question types that can be used in the exam creator.
- Program in HTML, CSS/SASS, PHP, and JavaScript including jQuery and Backbone, using Apache Subversion.
- Implement features and web pages created by designers and develop solutions to solve the problems presented.

Education

Brigham Young University, Provo, UT

Bachelor's degree in Computer Science, April 2019

- Developed proficiency in C++, Java, JavaScript, Python, Golang and C# languages.
- Gained experience developing multiple Android applications.
- Learned and applied principles of user experience design.
- Completed projects from initial idea to finished application.
- Developed skills of clear and precise technical writing.