

Josh Bell

SOFTWARE ENGINEER

FULL NAME Joshua Bell

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WEBSITE <https://jbbe.github.io/>

Skills

Typescript Javascript Rust C# Dotnet Ecosystem node.js OCaml CSS SCSS HTML C++ Python
WASM WebGL MySQL React Electron Entity Framework Core three.js WebXR Git Webpack
Docker Azure Lerna Jest Blender New Relic

Work Experience

Software Developer

6/2020 - Present

Th3rdcoast Digital Solutions

Grand Haven, MI

- Developed a collection of tools for 3D experience editing and content management
- Designed and implemented web tools with **Typescript**, **React**, **three.js** and browser APIs, contributed to an API with **C#** and **ASP.NET Core**, and built smaller **node.js** driven services for content processing
- Managed **Azure** cloud deployments for multiple projects
- Created one off 3D experiences for the web some including AR elements using **three.js**, **Blender** and custom tools
- Implemented the **React** front end of an **Electron** app for recording and managing EEG readings
- Trained and mentored new developers

Help Desk Manager & Developer

07/2018 - 5/2020

University of Michigan, CAEN

Ann Arbor, MI

- Developed a **Python** **GTK** based desktop application for information gathering during issue reporting
 - Provided help desk support by answering questions, escalating issues, managing accounts, testing software, and writing documentation
 - Trained and managed student employees
 - Processed and analyzed system usage data with **Python**
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Education

University of Michigan Coursera Courses

2018 - 2020

Applied Data Science for Python, Machine Learning, & Text Mining

Online

University of Michigan

2015 - 2020

BS in Computer Science

Ann Arbor, MI