Torrin **Bates**

torrin4@gmail.com | 810-923-9449

Education

Michigan State University   Aug 2016 - Apr 2020
Bachelor of Computer Science
· **Courses:** OOP, Algorithms, Computer Systems, Data Structures, Biometrics, Database Systems, Big Data Analysis, Intro to A.I.

Skills

Languages: C#, C++, Python, Javascript
Technologies: React.js, Redux, Postgresql, AWS, Firebase, Git, MVVM Architecture, Azure DevOps

Professional Experience

Promess Inc.   Brighton, MI
Software Engineer - Fullstack   May 2020 – Present
· Independently designed and implemented key software features used in marketing efforts such as trade show displays and promotional videos.
· Participated in software and system design meetings for future products.
· Maintained flagship software suite by fixing bugs and refactoring code, both front-end and embedded back-end (C# and C++).
· Put more than 2x the features and bug fixes into production as the next highest engineer on my team.
· Emphasized and followed DRY, SOLID & YAGNI coding principles.
· Interfaced with customers, team members and other departments to resolve and prevent bugs as well as answer technical questions.

Software Engineering Intern – Front End   May 2019 – May 2020
· Led development of an internal tool to asynchronously test and diagnose networking issues between front-end and back-end easing the technical burden required of field engineers.
· Implemented continuous integration (CI/CD) pipeline via Azure DevOps.
· Fixed front-end bugs on the flagship software suite.

Ford & Michigan State University   East Lansing, MI
Capstone Experience - AR Owner's Manual   Jan 2020 – Apr 2020
· Independently designed and implemented internal web portal utilizing serverless architecture to allow non-technical employees to enter and modify the data consumed by the AR iOS application (AWS Amplify, Cognito, API Gateway, RDS, S3).
· Built reusable UI components in React.js for employee web portal.
· Co-designed database schema and file bin implementation.

Projects

· Configurable windows native app to send message to an endpoint in the network (C#, WPF).
· Portfolio websites for myself and a friend (React.js, Redux, JS, CSS, HTML).
· Face Image matcher (Python).