

Ryan O'Connor



219-682-7334 | oconnor.ryan.m@proton.me | <https://oconnor-ryan.github.io>

Objective

To build and maintain full-stack web and mobile applications.

Software Projects

- **AtoB Mobility Inc.**
 - Currently building a web and mobile app for a startup company me and a few classmates are trying to build.
 - The startup is called AtoB Mobility Inc, a ride-sharing company where users can carpool with multiple passengers if they are going to a similar destination.
 - Used the Stripe API to process payments.
 - Setup AWS EC2 and RDS instances to host our website.
 - **Used:** MySQL, NodeJS, AWS, Bootstrap, Stripe API, Google Maps API, Flutter
- **Group Finder Web Application**
 - Led a team of 3 people to create a LAMP web application hosted on an EC2 instance on Amazon Web Services.
 - On this site, users can post school projects on the website and look for projects posted by other users based on the skills needed for the project.
 - I designed the database schema, managed our AWS services, and wrote part of the server-side code.
 - **Used:** Linux, AWS, PHP, MariaDB
- **Purdue Northwest Additive Manufacturing Club Website**
 - Helped create a web application for Purdue Northwest's Additive Manufacturing Club that allows customers to request for parts to be printed on 3D printers. These orders can then be printed and be available for pickup.
 - **Used:** Typescript, NextJS, React, NodeJS

Education

Hammond, IN *Purdue University Northwest* *Aug 2020 – Present*

- **Major:** Computer Science B.S.E
- **Minor:** Computer Engineering
- **Relevant Coursework:** Data Structures, Database Systems, Software Engineering, Statistics

Employment

Service Checker *Jewel Osco* *June 2019 – November 2021*

- Provided on-site training to many cashiers and courtesy clerks.
- Collaborated with coworkers to help customers and fill e-commerce orders.