Jason Ahern · SOFTWARE ENGINEER · PALANTIR TECHNOLOGIES · OHIO STATE UNIVERSITY

☐ (+1) 330-732-7485 | ✉ jason.ahern53@gmail.com | 🏠 jasonahern.com | ⊙ ahern55 | in jasonahern

Work Experience

Palantir Technologies
Palo Alto, California, USA

SOFTWARE ENGINEER INTERN
May. 2022 - Aug. 2022

- Built a new implementation of an existing system to leverage provider-agnostic blob storage.
- Integrated two existing applications to allow for in-application documentation writing.

Ohio State University College of Engineering
Columbus, Ohio, USA

TEACHING ASSISTANT, FUNDAMENTALS OF ENGINEERING FOR HONORS
Aug. 2020 - Dec. 2022

- Taught a two-semester programming and engineering problem solving course for all first-year honors engineering students.
- Taught students technologies and skills such as Robotics, C, C++, MATLAB, Excel, and SOLIDWORKS.
- Led and contributed to many course software projects; developed in Typescript, Vue.js, Node.js, Python, C# .NET, C and C++.

FirstEnergy
Akron, Ohio, USA

IT APPLICATION CONFIGURATION INTERN
May. 2021 - Aug. 2021

- Improved existing company database structure and integrated data from many sources into a cohesive Oracle database.
- Optimized and automated important company reports with VBA and Python, saving operators time daily.

Patriot Software
Canton, Ohio, USA

SOFTWARE ENGINEER INTERN
May. 2020 - Aug. 2020

- Developed payroll and accounting web applications within a small, agile team, focusing on user onboarding and retention.
- Implemented OAuth 2.0 with Google into the existing authentication system.
- Created an internal dashboard reporting the effectiveness of a referral program.

Hightlighted Projects

Robot Store Website

A WEB APPLICATION FOR FUNDAMENTALS OF ENGINEERING FOR HONORS STUDENTS AND INSTRUCTORS
Spring 2022

- Built a full-stack web application that enables students to purchase materials for their robot.
- Includes many instructor-facing pages and features to facilitate the ENGR 1282.01H course.
- Frontend: Node.js, TypeScript, and Express.js REST backend with a Vue.js and TypeScript SPA.
- Backend: Express.js and Typescript on Amazon EC2. Persistence: Amazon RDS, S3, and DynamoDB. Terraform for architecture.

Next.js, Firebase, and Typescript Template
GitHub

A TEMPLATE FOR A NEXT.JS APP USING FIREBASE'S AUTH AND FIRESTORE DATABASE
Summer 2022

- Created an open-source app template leveraging many modern web technologies
- Framework: Next.js (React) | Authentication and Database: Firebase | Language: Typescript | Styles: Tailwind | Hosting and CD: Vercel

Your Recipes
GitHub

A RECIPE MANAGEMENT MOBILE APP AVAILABKE ON THE APPLE APP STORE AND GOOGLE PLAY.
Summer 2021

- Created a simple mobile app using Xamarin.Forms to allow users to easily store their recipes.
- Published the App to the leading App Stores, reaching hundreds of downloads

Education

The Ohio State University: 4.0 / 4 GPA
Columbus, Ohio, USA

B.S. IN COMPUTER SCIENCE AND ENGINEERING, MINOR IN ECONOMICS
Aug. 2019 - Dec. 2022

- Family Relations Chair, RallyCap Sports Ohio State Chapter, January 2020 – January 2022

Twinsburg High School: 4.53 GPA
Twinsburg, Ohio, USA

HONORS DIPLOMA, TEN AP COURSES, TWO COLLEGE CREDIT PLUS COURSES
Aug. 2015 - Dec. 2019

- Captain of Varsity Soccer Team, January 2018 - October 2018
- Awards: National AP Scholar, Twinsburg Soccer Community Award, Perfect Attendance Grades 9-12