

Ali Itani

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EDUCATION

Western Michigan University

B.S. Computer Science | Apr 2019

GPA: 3.56/4 Cum Laude

Minor in Mathematics

Dean's List (Several Semesters)

Member – Pi Mu Epsilon

Member – Computer Club

SKILLS

PROGRAMMING LANGUAGES

Over 500-1000 lines:

Python • JavaScript • TypeScript •

HTML • CSS • C# • Java

Familiar:

PHP • SQL • Bash • C/C++

DEVELOPMENT TOOLS

Angular • Google Analytics • Unity •

NodeJS • ExpressJS • jQuery •

Webpack • GraphQL • Android •

Django • Gradle • REST • Google App

Engine • Ionic • Git • Google

AdMob • Unity Analytics • AWS •

Firebase • PostgreSQL • MySQL

COURSEWORK

MATHEMATICS & STATISTICS

• Calculus I, II, III, & IV

• Statistics Using R

• Linear Algebra

• Mathematical Proofs

COMPUTER SCIENCE

• Intro to Web Technologies

• Database Mgmt. Systems

• Data & File Structures

• Design & Analysis of Algorithms

• System Prog. Concepts

• Android Development

• Python Programming

• Operating Systems

• Software Development 1 & 2

INTERESTS & AWARDS

• Gave a speech at my high school graduation ceremony.

• Attended Google I/O 2016.

• Reached level 4 in Google's Foo-Bar challenge.

• Awarded Dean's List for several semesters.

EMPLOYMENT

Teacher Assistant | 8 months

Western Michigan University | May 7, 2018 – Dec 15, 2018

• Held a Teaching Assistant role for several semesters for the Comp Sci Department.

• Had weekly meetings with professors and led office hours once a week and was given full responsibility to handle programming assignments for each class.

• Courses: Database Mgmt. Systems, Data & File Structures, Design & Analysis of Algorithms.

Full Stack Web Developer | 23 months

Western Michigan University, College of Engineering & Applied Sciences | Jan – Dec 2018

• Volunteered to do a complete rework of a web app for a non-profit organization.

• Implemented multiple testing methodologies to ensure better performance and usability.

• Integrated Google and PayPal APIs into the app improving user experience.

Western Michigan University, Office for Sustainability | Feb – Nov 2017

• Architected solutions for the Front-End & Back-End that improved customer feedback.

• Collaborated with cross-functional team providing solutions to ensure a more suitable system design for future expansion.

• Took on more team leading roles: Mentorship, Guidance, Meeting leader.

TECHNICAL EXPERIENCE

Overwatch Hero Database | 18 months

An Interactive Website: <https://www.overwatch-hero-database.com> | Jan 2018 - Present

• Independently created a web app using Angular for a popular multiplayer game made by Blizzard Inc. with continuous review, update and maintainability of the overall build of the project.

• Daily users reported with Google Analytics and planned database and storage migration to AWS.

• Technologies: Angular | Firebase RTDB & Hosting | GraphQL | Webpack | TypeScript | AWS

Traffic Jam | 3 months

Cross-Platform Mobile Game: <https://github.com/aliitani/Traffic-Jam> | Apr 2019 - Present

• Independently created a cross-platform mobile game using Unity Game Engine with continuous review, update and maintainability of the overall build of the project.

• Featuring three types of in-game ads using Google AdMob, user and game data reported through Firebase Analytics & Crashlytics.

• Technologies: Unity Game Engine | Google AdMob | Firebase Analytics & Crashlytics | C#

Cloud Media Storage | 6 months

An Ionic App: <https://github.com/aliitani/cloud-media-storage>

• Developed a cross-platform mobile app with native support allowing users to add, delete, update media files on the cloud, with real time updates to the DB.

• Technologies: AngularJS | Ionic | TypeScript | Firebase Auth & RTDB

Virtual Stock Portfolio | 5 months

An Android App: <https://github.com/aliitani/Investment-Portfolio>

• Developed a mock investment app that acts as a virtual stock portfolio for registered users to add, edit, or delete stocks based on the ticker symbol retrieved from Yahoo.

• Technologies: Yahoo YQL | JSON | SQLite | Java

Ng-doc | 6 months

An Angular App: <https://github.com/aliitani/ng-doc>

• Developed a web-app for creating, editing, and storing documents on the cloud, integrated CRUD features with simultaneous updates.

• Technologies: AngularJS | Firebase Auth & Real Time DB | GraphQL | webpack