Ali Itani

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Education

Western Michigan University | Apr 2019
  B.S. Computer Science, **Minor** in Math.
- o GPA: 3.54/4.00
- o Dean's List (several semesters)
- o Member of the Pi Mu Epsilon
- o Member of the Computer Club

Skills

Languages
Java, Python, JavaScript, TypeScript, HTML, CSS, PHP, SQL
Libraries & Frameworks
Angular, Ionic, NodeJS, Android, Django, ExpressJS, jQuery, Twitter Bootstrap
Software
Unix, Firebase, Google App Engine

Coursework

Electrical and Computer Engineering
- o Digital Logic

Mathematics & Statistics
- o Calculus I, II, III, & IV
- o Statistics Using R
- o Linear Algebra
- o Mathematical Proofs

Computer Science
- o Intro to Web Technologies
- o Database Mgmt. Systems
- o Data & File Structures
- o Design & Analysis of Algorithms
- o System Prog. Concepts
- o Android Development
- o Python Programming
- o Operating Systems
- o Software Development 1 & 2

Interests & Awards

- o Gave a speech at my high school graduation ceremony.
- o Attended Google I/O Extended 2016.
- o Member of the Pi Mu Epsilon.
- o Reached level 4 in Google's Foo-Bar challenge.

Employment

Teacher Assistant | May 7, 2018 – Dec 15, 2018 ~ (8 months)
  Western Michigan University, College of Engineering & Applied Sciences
- o Held a Teaching Assistant role for several courses during the summer & Fall 2018 Semesters for the Computer Science Department.
- o Led weekly meetings with professors and had office hours once a week.
- o Had full responsibility to create, modify, and grade class material for each class.
- o Courses: Database Mgmt. Systems, Data & File Structures, Algorithms.

Full Stack Web Developer | Jan 11, 2018 – Dec 15, 2018 ~ (12 months)
  Non-profit organization
- o Volunteered to do a complete rework of a website for a non-profit organization.
- o Have integrated several Google and PayPal APIs into the site improving users' efficiency.
- o Worked closely with clients and delivery management teams to enhance the application's performance and usability.
- o Developed and implemented several unit testing scripts for several Front-End and Back-End features, providing a more suitable system design for future expansion.

Full Stack Web Developer | Feb 20, 2017 – Nov 27, 2017 ~ (11 months)
  Western Michigan University, Office for Sustainability
- o Have architected solutions to implement the entire Front-End and Back-End for two projects on hand that have majorly increased customer satisfaction surveys.
- o Collaborated with a cross-functional team providing consultation on requirements, solution architecture and ease of future expansions.
- o Took on more team leading roles and was responsible for several meetings and mentored and guided a new student programmer that joined our team with the projects on hand.

Technical Experience

Ng-doc | 6 months
  An Angular App: https://github.com/aliitani/ng-doc
- o Developed an Online web-based app for creating, editing, and storing documents on the cloud, integrated CRUD features with simultaneous updates.
- o Technologies: Angular | TypeScript | Firebase Authentication & Real Time DB

Cloud Media Storage | 6 months
  An Ionic App: https://github.com/aliitani/cloud-media-storage
- o Developed a cross-platform mobile-based app with native support allowing users to add, delete, update media files on the cloud, with real time updates to the DB.
- o Technologies: Angular | Ionic | TypeScript | Firebase Authentication & Real Time DB

Overwatch Hero Database | 6 months
  An Angular App: https://www.overwatch-hero-database.com/
- o Developed an Angular web-app for a very popular multiplayer game made by Blizzard.
- o Technologies: Angular | Firebase Web Hosting | TypeScript | Firebase Real-Time DB

Virtual Stock Portfolio | 3 months
  An Android App: https://github.com/aliitani/Investment-Portfolio
- o 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.
- o Technologies : Yahoo YQL | JSON | SQLite | Java