Alex Glick

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EXPERIENCE

Unicentric, Braddock PA — *Software Engineer*

May 2019 - PRESENT

Charged with bringing new technology stacks to the company. Architected and developed multiple projects in a number of different programming languages. Projects included:

- Full stack development of React Native mobile application for health care providers. App was designed to capture all necessary information needed for billing and reporting with a user friendly interface. Developed backend API calls with JWT authentication to integrate with SQL Server for use in the app. Experience publishing apps and updates to both the apple and google play app stores.
- Designed and developed a full stack web portal using React for individuals with intellectual disabilities. Focused on clean and simple UI/UX as well as methods for preserving data integrity. Also developed all necessary API calls.
- Wrote a machine learning algorithm using TensorFlowJS to analyze state mandated progress notes. The algorithm uses natural language processing to grade notes as a pass/fail with a confidence value which was able to save our clients time they would otherwise have had to spend reading each note.
- Integrated our system with Zoom web meetings for the purpose of tele-medicine. Wrote a technical specifications document outlining how to integrate with the Zoom API and use web hooks to accurately track the billable time of meetings.

Entrepreneurial Experience, Pittsburgh

Jun 2018 - PRESENT

Started a company with the goal of developing a mobile app to encourage participation in sports and fitness activities in the Pittsburgh area. Created a thorough business plan with frequent updates and revisions as I learned new things. Developed a multi-year financial projections model and a number of pitch decks in an effort to raise startup capital. Ultimately, I decided to self-learn everything I would need for development and was able to complete an MVP version of the app within three weeks.

At present, I have developed multiple apps using React Native with

SKILLS

Javascript, C#, SQL, NoSQL, MatLab, VBScript, Python

React, React Native, Expo, NodeJS, REST, ASP.NET, .NET Core

Firebase, AWS Cloud Infrastructure

Strong communication and writing skills

Ability to adapt and learn quickly

AWARDS

Jefferson Award for Public Service: awarded for organizing a campaign to get a high school classmate elected to the local township board of directors. As campaign manager, I was able to encourage many other classmates and community members to engage in the civic process.

experience in both expo and bare react native. Strong familiarity with Firebase offerings including Real Time Database Firestore, Cloud Functions, Cloud Messaging and Authentication.

Office of United States Senator Robert P. Casey Jr., Pittsburgh — *Intern*

May 2015 - Jan 2016

Advised on policy initiatives and analyzed political strategy. Drafted letters in support of grant requests to be read by directors of multiple federal agencies.

Office of Pittsburgh City Council Member Dan Gilman, Pittsburgh — *Intern*

Sept 2014 - Jan 2015

Programmed a constituent concern database using google sheets and google script to map areas of concern.

Big Brothers, Big Sisters, Pittsburgh — *Volunteer*

Jun 2010 - PRESENT

Volunteer for events when they request extra staff and participate in a number of frequent fundraising activities.

EDUCATION

University of Pittsburgh — *Applied Mathematics*

Aug 2012 - Dec 2018

Majored in applied mathematics with a minor in economics. GPA of 3.4 and active member of Sigma Alpha Epsilon fraternity.