Max Tran
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EDUCATION

University of Washington   **June 2018**
B.S, Mathematics, Physics   *Seattle, WA*
- Relational/Non-relational Database System
- Introduction to AI/ML
- Intro to The C Language & Memory Management
- Algorithms & Data Structures

SKILLS
- Java, Python, CSS, JavaScript, HTML, jQuery, SQL, Node, Angular, Express, Bash, Git, MongoDB, React, React Native, Bootstrap, PHP, AWS Lambda, C, C++, SQL server, Linux, TypeScript, Docker, Redis, Redux

WORK EXPERIENCE

Independent Developer   **Jun. 2017 – Present**
App developer
- RoboFriends (2018)
    - Created a Progressive Web App using React and managed the app state using Redux
    - Minimized files and delivery as well as split the code into chunks in order to improve performance
    - Mounted multiple middleware to handle requests and responds from the frontend to the API
    - Did unit testing using Jest as well as enhanced security by using HTTPS & preventing injections
    - Decreased the loading speed of the app by nearly 30% and enabled the app to work offline
                                                                      Renton, WA
- Foodie (2018)
    - An app that helps busy working people get homemade foods from real life moms
    - Architected the application and created views and reusable layout components using Jade and Bootstrap
    - Moved data from the view to the database and connected the express application to MongoDB using Mongoose as well as created complex schemas for the data
    - Set up a REST API to expose the MongoDB database to the application and set up a CRUD functionality for the application

- Library App (2018)
    - An app to store information about books you have read
    - Developed the frontend of the SPA web app by using Angular as well as adding directives to it
    - Created and mounted multiple middleware using Express to handle requests and responds from the frontend to the web database by parameter-based routing as well as an access authorization middleware to verify the client request's credentials.
    - Implemented a CRUD functionality and created a REST API to facilitate calls to a database server Mlab by using Node and multiple npm packages

- News App (2018)
    - Developed the UI front end of mobile app using React and React Native frameworks.
    - Fetched the JSON that contains the headlines from the News API to display for the user

Nlinks   **Summer 2016**
Frontend Web Developer   *Renton, WA*
- Efficiently and reliably completed websites for clients ranging from small businesses to large volunteer organizations using Bootstrap framework, jQuery, JavaScript, and PHP
- Researched keywords using Google Adwords to improve the site's SEO ranking and developed title tag, description of meta tags, and highlighted and added relevant links to site
- Identified trends in web traffic using Google Analytics that resulted in a change to web marketing activities and an increase in unique visitors & implemented a variety of E-commerce widgets for online shopping sites