Michael Kim

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EDUCATION

Georgia Institute of Technology   Atlanta, GA
Master of Science In Computer Science   *January 2024 – Present*

University of Virginia   Charlottesville, VA
Bachelor of Computer Science   *September 2021 – July 2023*

EXPERIENCE

System Planning Analysis   Sep. 2023 – Present
- Using HTML, CSS, Bootstrap, Alasql, and SharePoint, we created websites that helped a government client track and manage their teams, personnel, projects, organizations, and finances.
- Using ASP.NET Core, Entity Framework, SQlite, and C#, I developed a central database application that enabled an in-house team to keep track, manage, update, and utilize the U.S government's war assets.
- Using Power Automate, SharePoint list database, and Power Apps, I developed an external client-facing application that allowed SPA to post annual research reports for government clients to view and download.
- Maintained and added features to proprietary software applications (Rshiny and Python GUI) that analyzed information of warships, weapons, aircraft, and more from CSV files

United States of Air Force   Feb. 2017 – Jan 2021
- Trained medical procedures and sponsored new medics at Offutt AFB 55th Medical Group.
- Deployed to Al Udeid, Qatar to assist and work with 379th Expeditionary Medical Group. Was the primary trainer and sponsor for incoming medics.
- Worked at family medicine clinic and ER, and was a part of mass casualty triage team

PROJECTS

Maestro | *Expo, React-Native, Clerk, IOS and Android Simulator*
- After noticing a lack of platforms that facilitate connection between tutors and students across various subjects, not limited to school materials, I decided to create a mobile app that enables students to effortlessly search for tutors and allows tutors to create and upload their profiles. This application allows people to learn or teach materials that they always wanted.

Personal Website | *HTML, CSS, Javascript, Bootstrap*
- This was my second website that I built after shortly after graduating. I wanted to get more practice with HTML, CSS, Javascript, and Boostrap. This project's repository and deployment is from github. It shows a few facts about myself and has several features that users can interact with to learn more about my career and my work. The background layout changes to reflect the current season.

Uva Bus Route | *Java, JSON, SQLite*
- Built an MVC app that allowed users to look up Uva bus routes and stops.
- I was able to download a JSON file of the UVa bus routes and stops, parse the data using java, and store the correct matching buses, routes, and stops into the SQlite Database.
- Used one to many and many to one relationship for setting the database

TECHNICAL SKILLS

Languages: Java, Python, C#, JavaScript, Typescript, HTML, CSS, Visual Basic for Applications, R, JSON, SQL.
Frameworks : React, React Native, Node.js, JUnit, Asp.Net Core, Entity Framework, Bootstrap, Mockito , Selenium, Rshiny
Developer Tools: Git, Atlassian, BitBucket, Jira, Visual Studio, VS Code, PyCharm, IntelliJ, Power Apps, Power Automate, Sharepoint List database Eclipse, Scenebuilder
Libraries: Sqlite, Expo, Hibernate, GGplot, Tkinter, JavaFx