

Michael Kim

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EDUCATION

Georgia Institute of Technology

Master of Science In Computer Science

Atlanta, GA

January 2024 – Present

University of Virginia

Bachelor of Computer Science

Charlottesville, VA

September 2021 – July 2023

EXPERIENCE

System Planning Analysis

Sep. 2023 – Present

- Using HTML, CSS, Bootstrap, Alasql, and SharePoint, I created websites that helped a government client track and manage its teams, personnel, projects, organizations, and finances.
- Using ASP.NET Core, Entity Framework, SQLite, and C#, I developed a closed-room central database application that enabled an in-house team to keep track, manage, update, and utilize government war assets information.
- Using Power Automate, SharePoint list database, and Power Apps, I developed an external client-facing application that allowed SPA to post its annual research reports and enabled its government clients to view and download.
- I maintained and added features to proprietary software applications (Rshiny and Python GUI) that analyzed government war assets data from CSV files.
- For an in-house team, I wrote VBA scripts that translated an Excel file, containing government war asset data, to Powerpoint slides.

United States of Air Force

Feb. 2017 – Jan 2021

- I trained medical procedures and sponsored new medics at Offutt AFB 55th Medical Group.
- I was deployed to Al Udeid, Qatar to assist and work with 379th Expeditionary Medical Group. Was the primary trainer and sponsor for incoming medics.
- I 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, React, Shadcn, Tailwind, Bootstrap

- This is my third website that I have built . The first two were to get more practice with plain vanilla javascript, css, and html. Then, I wanted to learn React and other styling library. Thus, leading me to create my third website.

Uva Bus Route | Java, JSON, SQLite

- I 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, and store the correct matching buses, routes, and stops into the SQLite Database.
- I was able to use 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, Mockito , Selenium, Rshiny

Libraries: Sqlite, Expo, Hibernate, GGplot, Tkinter, JavaFx, Shadcn, Tailwind, Bootstrap

Developer Tools: Git, Atlassian, BitBucket, Jira, Visual Studio, VS Code, PyCharm, IntelliJ, Power Apps, Power Automate, Sharepoint List database Eclipse, Scenebuilder