Mingkuan Yan

mingkuan.yan@gatech.edu | (408) 718 - 0810 | LinkedIn: mingkuan-yan | GitHub: MingkuanY | U.S. Citizen

EDUCATION

Georgia Institute of Technology   **Atlanta, GA**
Bachelor of Science in Computer Science, GPA 4.00   *Expected Graduation, May 2025*
- **Concentrations:** Intelligence (AI) and Media
- **Related Coursework:** Design and Analysis of Algorithms, Computer Organization, Data Structures and Algorithms, Object-Oriented Programming, Computing in Python, Linear Algebra, Discrete Mathematics, Calculus III

SKILLS

Languages: Java, Python, HTML, CSS, JavaScript, MATLAB, SQL, TypeScript, C, C++, Scheme
Developer Tools: React.js, React Native, Node.js, Bash, Git, Firebase, Fetch API, ArcGIS, Excel, Figma, JUnit, Android Studio, Agile
Professional Interests: Web/Mobile/Full-Stack Development, GeoDev, Data Science, Artificial Intelligence, Machine Learning
Hobbies: Playing French horn, Traveling (Visited 26/63 National Parks), Duolingo (1,648-day streak), Photography

PROJECTS

MK Travels Web Development | *JavaScript, HTML, CSS, Firebase*   *August 2022 – Present*
- Created a multi-page travel blogging website that allows users to interact with their travel history and explore new ideas
- Incorporating ArcGIS functionalities to seamlessly blend trip planning and online exploration
- Dedicated 100 hours to self-learn JavaScript, HTML, and CSS and to practice replicating existing web pages

Bite Web Development | *JavaScript, HTML, CSS, React.js, Node.js, Fetch API, Python Flask*   *September 2023*
- Participated in the 24-hour HackMIT to create a full-stack intelligent wearable accessory that tracks daily nutritional intake
- Developed a functional, aesthetic, and interactive UI through HTML, CSS, and React.js, employing the Fetch API to integrate computer vision from the Log Meal API, user health data from Python Flask, and personal nutrition feedback from GPT-3.5

Bump App Development | *JavaScript, HTML, CSS, React.js, React Native*   *January 2023 – April 2023*
- Co-developed a novel social platform that allows students to network across campuses through geolocation services
- Coherently transformed Figma UI/UX designs into React Native code, testing each version with Expo Go for iOS and Android
- Employed React Hooks and the React Native Directory, enabling a smooth and engaging user experience
- Granted $500 as a member of the Georgia Tech Startup Exchange fellowship program to advance and scale the project

ACTIVITIES AND INVOLVEMENT

Georgia Tech Crew   **Atlanta, GA**
Varsity Rower   *August 2022 – Present*
- Balance academics and rowing responsibilities to accommodate daily practices for perfecting key strokes, maintaining cardiovascular health, and practicing on the Chattahoochee River
- Develop sportsmanship through team workouts and bonding activities, enabling us to place 4th at the Music City Head Race

Chick-fil-A   **Atlanta, GA**
Front of House Team Member   *January 2023 – April 2023*
- Received orders accurately and attentively as a cashier with genuine kindness that adds a sparkle to every customer's day
- Swiftly mastered a variety of front-of-house skills from mixing milkshakes to operating the registers

Joey's Wings Foundation   **Los Altos, CA**
Kidney Cancer Research Summit Lobbyist   *August 2020 – March 2021*
- Raised awareness for kidney cancer at U.S. Congressional Meetings in front of CA Representative Anna Eshoo
- Prepared captivating story for representatives to describe the horrifying impact of cancer and the need for immediate action
- Encouraged Congress to pass a $50 million kidney cancer research budget for the 2021 fiscal year

AWARDS

HackMIT Terra Sponsor Award: Rewarded 1st Place by the developer-to-developer startup, Terra, for utilizing their health-tracking API in our intelligent smartwatch, allowing us to enhance the user experience by pairing calorie data with our computer vision model

USACO Silver: Earned after months of regular practice on competitive coding platforms to perfect algorithmic coding skills

Eagle Scout: Awarded the rank of Gold Palm after earning 33 merit badges, serving 3 semesters on the Troop 31 council, portaging a mile with a 70 lb backpack on the Canadian border, and leading a team to sew 7,029 masks for pediatric patients as my Eagle Project