

**Khoi Mai**

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**[LinkedIn](#) | [GitHub](#) | [Portfolio](#)**

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## **Summary**

**Full Stack Web Developer with a strong foundation in Computer Science and Mathematics. After graduating from the University of Texas at Austin, I taught mathematics at Austin Community College, where I developed a passion for problem-solving and education. I later joined Apple, working on the Apple Maps project, before embarking on an entrepreneurial journey by opening a bubble tea shop and a Pho Vietnamese restaurant. These experiences have honed my adaptability, leadership, and resilience. Recently, I've returned to the tech industry as a full stack developer, eager to leverage my diverse background in tackling new software development challenges.**

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## **Technical Skills**

### **Languages & Tools:**

- **HTML5, CSS3, JavaScript (ES6+), jQuery**
- **Node.js, Express.js, React, Handlebars**
- **SQL, NoSQL, MongoDB, GraphQL**
- **Git, MERN stack**

### **Core Competencies:**

- **RESTful APIs, Object-Oriented Programming (OOP)**
  - **Object-Relational Mapping (ORM), Model-View-Controller (MVC)**
  - **Progressive Web Applications (PWAs)**
  - **State Management, Mobile-First Design**
  - **Code Optimization, Documentation**
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## **Projects**

## **Book Search**

[GitHub](#) | [Deployed Application](#)

A web application where users can search for books by title, author, or genre.

Technologies: HTML, JavaScript, React, MongoDB, GraphQL, Apollo Server

## **Dating Site**

[GitHub](#) | [Deployed Application](#)

A full-stack dating application with front-end and back-end features, integrating multiple databases to store user data.

Role: Front-End Developer (HTML, JavaScript, Handlebars)

## **Beat Box App**

[GitHub](#) | [Deployed Application](#)

A full-stack application for creating and saving beatbox recordings. Includes user creation, login, and recording management.

Technologies: JavaScript, React, Apollo Server, MERN Stack

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## **Professional Experience**

### **Math Teacher**

*Austin Community College, Austin, TX (2016 – 2017)*

- Taught adult education courses in mathematics, helping students develop foundational problem-solving skills.

### **Data Analyst**

*Apple Inc., Austin, TX (2017 – 2018)*

- Worked on the rollout of Apple Maps, analyzing data to ensure accuracy and improve user experience.
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## **Education**

### **Full Stack Web Development Boot Camp Certificate**

*University of Texas at Austin, Austin, TX*

- Completed an intensive program focused on full-stack development.

### **Bachelor of Science in Mathematics and Computer Science**

*University of Texas at Austin, Austin, TX*