

# Michael Fan

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## Education

### Georgia Institute of Technology

August 2017 - May 2021

- Candidate for Bachelor of Science in Computer Science
- Cumulative GPA: 3.9/4.0
- Relevant coursework topics: machine learning, user-centered design and contextual design, data structures and algorithms

## Experience

### Itential

January 2019 - Present

Software Engineering Co-op

Atlanta, GA

- Optimized internal development time from 30+ hours to 1 hour by implementing a new tool
- Assisted in product delivery for clients with a combined net worth exceeding \$20 billion
- Built a Node.js backend and helped architect web server-client interactions

### Corbii

March 2018 - July 2019

Co-Founder

Atlanta, GA

- Expanded subscriber base by 75% through diverse channels of customer discovery
- Boosted company image by pitching to combined venues of over 1,200 people
- Architected a codebase of Node.js, Firebase services, and the React library, and built the backend

## Projects

### Is It Orange – A fun, experimental color-rating site

<https://isitorange.surge.sh>

- Utilized concepts of mobile responsiveness and serverless architecture for self-education
- Created a full-stack web application with ReactJS and Firebase services

### Cosai – Facial recognition for more efficient retail

<https://devpost.com/software/cosai>

- Implemented live facial recognition with Microsoft Azure APIs
- Demonstrated use cases spanning 5,000+ physical locations at the T-Mobile CoC 2019 hackathon

## Skills

- Programming: JavaScript, Node.js, Java, Python
- Libraries/Frameworks: React.js, Express.js
- Services: Firebase (Authentication, Firestore, Functions, Storage), AWS (Cognito, DynamoDB)
- Markup/Styling: HTML, CSS

## Leadership, Service, Activities

- Georgia Tech Rowing Club
- Molecular Gastronomists Culinary Club

August 2017 - December 2018

April 2019 - Current