

# Michael Fang

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## Education

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### Bachelor of Science

University of California,  
Merced

Merced, CA, USA 08/2020 - 08/2024

- Relevant coursework: Data Structures; Computer Organization; Advanced Programming; Discrete Mathematics
- Major in Cognitive Science (B.S.)

## Skills

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- Languages: C/C++ | HTML | CSS | JS | Python | Swift
- Frameworks: Node.js | Express.js
- Technologies: Git | React.js | MongoDB |

## Projects

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### Student

CodePath - Netflix,  
Twitter, Instagram,  
Fitness Apps

Merced, CA, USA 09/2021 - 12/2021

- Programmed in Swift and used XCode as the integrated development environment for all apps.
- Used MovieDB API to extract a database of movies that can be displayed in the Netflix-like app.
- Used Twitter API to extract content from the user's Twitter feed that can then be displayed in the Twitter-like app.
- Implemented a variety of features for the Instagram clone app: login/logout, feed view, and compose/post.
- Leading role in a group of 4 that designed a fitness app through collaboration with groupmates. Created wireframes for the fitness app.
- Utilized Git for source control, and GitHub to plan project issues and deadlines for the fitness app.

### Front-End Engineer

HackMerced VII - Lure

Merced, CA, USA 03/2022 - 03/2022

- Worked with teammates to develop an anti-phishing Chrome extension in a 36 hour hackathon.
- Designed the front-end UI of the chrome extension, and used WordPress to design and build product website. Product website was used extensively during the demo video to show what features were offered with our anti-phishing Chrome extension.
- Utilized HTML, CSS, and JS to create the interface for the chrome extension.
- To recognize the logos of companies, we used Google Cloud and Google Vision.
- Determined whether a website is a phishing site or not by checking if the company logo on the website is real or not. All the logic behind the validation system is programmed in Java, Spring Boot, Hibernate, and phpMyAdmin. The servers are supported by CloudFare.

## Others

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- **Udemy Certificates:** Master the Coding Interview: Data Structures + Algorithms 2022 | The Complete 2022 Web Development Bootcamp 2022 | Data Structures A-Z: Data Structures + Algorithms Bootcamp 2022
- **Association of Computing Machinery:** Member of ACM