

Winson Chan

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TECHNICAL SKILLS

- Proficient: JavaScript, Node.JS, Express, React, React Native, PostgreSQL, Redux, HTML5, CSS
- Knowledgeable: Three.JS, Firebase, AWS Amplify, S3, Cognito, DynamoDB, Docker

PROJECTS

Backseat Driver | [Github Link](#) | [Live Site](#)

Full Stack Engineer

- A 3D driving simulation which utilizes user voice commands to control vehicle movement
- Developed with Node.JS, React, Firebase, TensorFlow.JS, Three.JS
- Implemented and trained custom TensorFlow.JS speech model
- Created low-poly 3D environment simulating a grid-like environment and driving physics
- Built 3D rendering of a car, programmatically adding physics to emulate movement and obstacles
- Devised persistent leaderboard that tracks user and runtime

Grace Shopper | [Github Link](#)

Full Stack Engineer

- An e-commerce website featuring fully functional product listings, persistent cart, and responsive web designs
- Developed with Node.JS, Express, PostgreSQL, React, Bootstrap 4, and Stripe API
- Designed front-end views for the main homepage, all products page, and persistent cart using a combination of React, Bootstrap and CSS

EXPERIENCES

WBK Method | [App Store Link](#)

March 2021 – August 2021

Full Stack Engineer

New York, NY

- A fully deployed iOS Application that showcases a fitness coach's media and posts
- Developed with React Native, AWS Amplify, S3, Cognito and DynamoDB
- Built front-end user navigated screens for user login, media categories, and user dashboard, aesthetically unified by client's chosen colors and theme
- Devised quick data retrieval through S3 Buckets and AWS Lambda functions
- Integrated Apple In-App Purchases into application for new users

Administrative Assistant

August 2018 – May 2020

Memorial Sloan Kettering Cancer Center

New York, NY

- Supported the International Center PFS team of 6 with reports, money transfers and any other tasks as needed
- Facilitated accurate financial and personal patient information using 5 hospital database systems
- Managed statements and bills for 56 international patients from the UAE and Qatar embassies

EDUCATION

Fullstack Academy

December 2020

- 17-week program covering full stack web development and computer science fundamentals

City College of the City University of New York

May 2016