

Seif Mamdouh

(551)-236-5437 | seifmamdouh7878@gmail.com | GitHub: @[Seif-Mamdouh](#) | LinkedIn: <https://www.linkedin.com/in/seif-mamdouh>

SKILLS:

- JavaScript, Ruby, React, Python, HTML, CSS, GitHub, Swift

EXPERIENCE:

Stache Solutions, Remote— *Software Engineering Intern*

JAN 2020 - PRESENT

- Streamlined a team of engineers to enact with clients and provide consultation on software solutions, business plans and design in an effort to bring client's ideas to life.
- Shadowed Software Engineer working on interactive Snapchat-like swipe navigation between view controllers written in Swift.
- Gathered data on integration issues and vulnerabilities and reported all findings, including improvement recommendations.
- Utilized GitHub in order to maintain version control and log code reviews.

EDUCATION:

Bergen Community College, Paramus — *Associate's Degree: Computer Science*

AUG 2020 – PRESENT

- GPA: 3.0
- STEM Club (Fall, Spring 2021)

Montclair State University, Montclair — *Bachelor's Degree: Computer Science*

AUG 2019 - MAY 2020

- Dean's List (Fall 2019, Spring 2020)
- Men's Soccer Team (2019, 2020)
- Computer Club (2019, 2020)
- GPA: 3.1

PROJECTS:

Airline Safety Review App — *CRUD with Ruby on Rails and React.js*

- Programmed a web-app to review and educate passengers about safety and cleanliness of airline flight companies such as Delta and United Airlines during COVID-19 travels implementing a PostgreSQL database to store user data.
- Created a data model that contains name, slug and image URL for each airline
- Stimulated fast_{jsonapi} to create the framework for the data to show in the API
- Used HTTP library including Axios to help to make requests adding useEffect component and replacing the empty airlines array with an array of the actual airline company data from the database

Xylophone iOS App — *Swift*

- Programmed an IOS app with the purpose to stimulate a Xylophone sound for my younger siblings to learn a new skill during lock down.
- Used AVFoundation and AVAudioPlayer to produce a Xylophone music.
- Created custom constraints and measurements to display various sized keys to create a realistic Xylophone.
- Worked with basic debugging tools such as breakpoints in XCode IDE to fix sound buttons.

Motivation Monday — *Node and Express.js*

- Utilized a Web-App for users to sign up for an email newsletter that send the user motivation quotes to their email to help them start their day especially during pandemic.
- Handled Bootstrap CDN components to style the user's sign-up page.
- Implemented MailChimp API to track of new member's subscription status.
- Stimulated body-parser to parse user's data in the MailChimp API.

Sneaker Goods — *HTML, CSS, & JavaScript*

- Developed a modern website-blog that speaks about the sneaker culture.
- Used Bootstrap CSS framework to integrate "card" and "carousel" components.
- Learned Firebase Fire store NoSQL database to store user data and manage user authentication.
- Implemented a custom button to save time for users allowing them to go straight to the landing page by using the carousel component.

'Flash Chat' Messaging Mobile App — *Swift*

- Designed and implemented a messaging app UI using custom xibs within a Table View; and the native UITableView protocol to add functionality.
- Integrated Cocoa Pods as a dependency manager for third-party libraries.