

MALCOLM HILL

(908) 596-9013 — mah.319.hc@gmail.com — Old Bridge, New Jersey

Github Repository — <https://github.com/malhill>

WORK EXPERIENCE

Software Engineer, *Self Employed*

June 2021 — Present

- Rearchitected a web interface with JavaScript and Python for fitness club. Spun up FastAPI microservices and new infrastructure on Heroku to support new additional functionality. Includes a fully functioning email system with KwesForms with over 100+ uses.
- Currently designing and implementing a mobile application using React Native for status monitoring, fitness tracking, and news updates for the fitness club.

Backend Engineer, *ClosetPro*

February 2022 — November 2022

- Conducted the architecture and development of a full functioning .NET web API's ready for integration with client's website to ensure seamless operation. (Contract Work)

Exercise Physiologist, *Centrastate Fitness & Wellness Center*

June 2015 — Present

- Provide an exercise program based on one on one interviewing, providing an FMS (Functional Movement Screening), and going through the specifics of movement.
- Utilizing motivational interviewing as a tool to help clients move themselves towards intrinsic motivation.

PROJECTS

Weather App

- Utilizing weather and GIF API's to create a current day forecast with a related gif. HTML, CSS, JS

Facial Recognition

- The start page takes user's information Face Recognition interface that takes the user's picture Results page holding the resulting Spotify playlist. HTML, CSS, Javascript, MySQL and Handlebars (as template engine), alongside Node.js packages.

Layerc4ke

- Collaboration on a mock E-Commerce web app, using GraphQL, Next.js, Mongoose, Ionic, and Stripe.

SKILLS

Languages: Python, C#, MySQL, JavaScript, HTML/CSS

Frameworks/Databases: React, Node.js, Express, TypeScript, Oracle, MongoDB

Tools/Libraries: Git, Mongoose, Heroku, Cloudflare

Concepts: Backend Development, Web Services, API Design

EDUCATION

Full Stack Engineer

December 2020 — May 2021

Rutgers University Full Stack Coding Bootcamp

B.S. Psychology & Biology

September 2011 — May 2014

Rutgers University, New Brunswick

B.S. Psychology & Biology

September 2009 — May 2011

Kean University