MICHAEL BARBONE
FULL STACK DEVELOPER

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<Portfolio/>

SUMMARY

Full Stack Web Developer with a love for creative problem solving and a passion for technology. I aim develop innovative solutions with reusable code and maintain a superior user experience. I have a strong desire to always be learning.

EDUCATION

COLUMBIA UNIVERSITY ENGINEERING CODING BOOTCAMP | CERTIFICATE '19
Full-Stack Web Development Program
New York, NY

RUTGERS UNIVERSITY |
BACHELOR OF SCIENCE '15
Political Science & Psychology
- Gamma Sigma Alpha National Honor Society
- RU Academic Excellence Award

QUALIFICATIONS

- Strong **problem-solving** skills
- Advanced **web design** skills
- Adept at debugging, optimizing code, and automating routine tasks.
- Integration with **API**s (Google Maps, Yelp, Spotify, Geocode, etc.).
- Strong team player with a positive attitude.

EXPERIENCE

MELTWATER | Business Analyst
Feb 2019 - Present | New York, NY
- Provide mission critical data to improve NY & Canada Client Success ($32M) efficiency and results
- Work closely with Regional VP and Area Directors to develop and drive strategic and tactical programs and initiatives related to client retention and growth
- Construct and maintain all NY & Canada Client Success resources
- Work with engineering team to develop and code custom solution newsfeeds and newsletters for NY's largest clients

PATENT

- Retractable Gripping Apparatus for Walking Assistance Devices
- Inventor & Owner of United States Patent Application 20130092201

TECHNICAL SKILLS

PROGRAMMING & MARKUP
- JavaScript • HTML • CSS

FRAMEWORKS / LIBRARIES / DATABASES
- Node.js • React.js • Redux • jQuery • MongoDB • MySQL • Firebase • Bootstrap

OTHER
- Git • Scrum/Agile • User Stories • Atomic Design

PROJECTS

Chat App

VIEW APP || GITHUB REPOSITORY

Node.js and Express application using Web Sockets to manage real time bi-lateral communications for users to chat. Using the Browser Geolocation API and Google Maps API, users can also send their current location to the group chat.
TOOLS: • **Node.js** • **Express.js** • **socket.io** • **JavaScript** • **jQuery** • **CSS** • **Bootstrap** • **Google Maps API** • **Geolocation API** •
- Developed socket.io connection to Express server
- Wrote different socket.io events to provide a well-rounded user experience, including an admin message when a user enters and leaves the group, as well as all messages sent by users.
- Use Browser Navigator API in conjunction with Google Maps API to provide allow a user to share their location complete with map view to chatroom.

SocialDev

VIEW APP || GITHUB REPOSITORY

Full Stack social Media platform for web developers and software engineers to create a profile, share posts and experiences, and help others solve bugs and develop solutions.
TOOLS: **Node.js** • **Express.js** • **JWT** • **Redux** • **MongoDB** • **Mongoose** • **React.js** • **JavaScript** • **HTML** • **CSS** • **Github API** •
- Develop all backend routes for user registration, login, education, experience and more.
- Write authentication middleware using JSON Web Tokens
- Code all UI components with React.js and Redux to in order to display different components and routes based on input and authentication
- Integrate users with their Github accounts and display last five repositories on their profile page

Video Browser

VIEW APP || GITHUB REPOSITORY

Simplified version of YouTube using the YouTube API. Redux Thunk is used to make API call and Redux is used to manage the state. Users can search for videos and selected video will play in the center, complete with all video control features.
TOOLS: • **React.js** • **Redux** • **JavaScript** • **jQuery** • **HTML** • **Semantic UI** • **CSS** • **Bootstrap**
- Design and write Redux Store and React Components
- Integrate YouTube API using Redux Thunk to retrieve list of videos from user input