

# Emmanuel Kandilas

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## EXPERIENCE

### *Gesture US, Inc.*

October 2020-Present

#### *Software Engineer*, Contract, Remote

- Built REST API using Express for the maintenance and migration of data for 4,000+ vendors and 100 products
- Helped to transition from Google RTD to Firestore for scalability using data types and document collections
- Wrote 30 reusable query functions to query Google RTD and Firestore data for use in protected routes
- Maintained internal documentation regarding REST API to notify teammates about responses and error messages

### *Gesture US, Inc.*

July 2020-October 2020

#### *React JS Intern* Contract, Remote

- Reported directly to the CTO and used React to build an internal administrative application secured with JWT
- Built an order tracking tool with google-map-react library to track 250+ runners, averaging 50 active at a time
- Built and maintained API Manager files containing over 25 asynchronous functions for the internal application
- Proactively lead teammates in a sprint to preemptively solve structural issues within a React component tree

### *Coldwell Banker Reliable / Colliers International*

March 2017-March 2018, March 2018-March 2019

#### *Licensed Salesperson*, Brooklyn & Jericho, NY

- Negotiated purchase price with opposing brokers to deliver best return for represented customers
- Prepared sales proposals and marketing strategies for the sale of investment properties
- Scheduled property showings of represented clients and coordinated listing appointments
- Fostered professional relationships through repeated email contact and conversations with prospective clients

## PROJECTS

### *Mind-Over-Matter*, [GitHub](#)

- Mental health application providing dynamic real-time charts using data gathered from user's facial expressions
- Provide users with curated recommendations to help improve user's mental health based on weighted data
- Optimize user experience while streaming and parsing large amounts of data using a light RESTful API
- Built with Node.js, Express, PostgreSQL, Sequelize, React, Redux, D3, Charts.js, face-api.js

### *Battle Boggle!*, [GitHub](#)

- Live interpretation of the family classic Boggle with touch functionality and user competition
- Implemented trie data structure trading lookup speed for space
- Simple, functional and attractive UI using CSS and React
- Used sockets to communicate live scores to competing users

### *Fennel's Fresh Flowers*, [GitHub](#)

- Single-page e-Commerce concept website for selling flower arrangements containing vegetables and roots
- Featured user profiles, guest and user carts, order history and checkout features
- Authenticated login through Google OAuth using Passport.js
- Built with Node.js, Express, PostgreSQL, Sequelize, React, Redux.

## TECHNICAL SKILLS

JavaScript, React, Node.js, Express, PostgreSQL, Sequelize, REST,  
Chrome Dev Tools, Firebase Redux, Git, SQL, HTML5, CSS, Bootstrap

## EDUCATION

### *Fullstack Academy*, New York, NY

February 2020

*Software Engineering Immersive*

### *Fordham University*, Bronx, NY

May 2015

*Bachelor of Arts, Economics*

### *University of Pretoria*, Gauteng, South Africa

June 2014

*Study Abroad, Ubuntu Service Learning*

Ubuntu - "I am because we all are"