

# MONIA TECHINI

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Tampa/FL

## SKILLS

React, Redux, Python, JavaScript, Flask, HTML, CSS, SQL, Java, C, Material UI, Oracle

## PROJECTS

**Event-App** (Express.js, React, Redux)

[live](#) | [github](#)

*Event-App is an app for hosting events based on Eventbrite implemented using Express.js, React, HTML, CSS, Material UI*

- Created various interactive interfaces letting users check, join, host events using React on the frontend and JavaScript and Sequelize on the backend for smooth user experience.
- Implemented a search feature using a customized query on the backend based on the event name giving the user quick access to the events.

**Instantelegram** (Python, Flask, React, Redux)

[live](#) | [github](#)

*Instantelegram is a social image sharing site in the spirit of Instagram implemented using Python, React, Redux, CSS, Material UI*

- Constructed various user interfaces using React letting users create, edit and delete posts on their profile and feed pages to enhance user experience.
- Designed an interactive user process allowing users to follow and unfollow other users through integrating customized queries on the backend to improve the app performances.
- Ensured user privacy through frontend and backend authentication measures allowing users to only make changes to their own profile when logged in.

**Clack-App** (Express.js, Socket.io, JavaScript)

[live](#) | [github](#)

*Clack-App is a messaging app based on Slack implemented using Express.js, Socket.io, JavaScript, HTML, CSS, ORM*

- Created various interactive interfaces allowing users to edit/add channels pages as well as edit profile through implementing customized queries with Sequelize on the backend and basic JavaScript on the frontend.
- Developed a live chat process using Socket.io in order to enhance user experience by letting users interact no matter where they are.
- Build on-off emoji view for the chat window to allow users to switch the browsing view using Javascript on the frontend.

## EXPERIENCE

**Tesinc LLC**

*Telecommunication OSP Associate Engineer*

Aug 2018 - Dec 2019

*CAD Drafter*

Sep 2017 - Aug 2018

- Evaluated HLD/LLD routes associated with the project including aerial or/and underground options, as well as organized the layout of plans, details and units on the CAD drawings
- Used software like ARCGIS, Google Earth and county websites to check ROW and add the utilities to the construction prints.
- Generated RR Crossing profiles to be used for permitting purposes, as well as prepared Telecommunication drawings.

## EDUCATION

**Web Development** - App Academy | January 2020

Rigorous 1000-hour software development course with <3% acceptance rate

**PHD Coursework/Research program (IoT)** - National Engineering School of Gabes-Tunisia | 2014 - 2015

**Software Engineer** - University of Tunis El Manar-Tunisia | 2011 - 2014

*National Diploma of Engineering In Computer Sciences*

**Preparatory Cycle** - IPEIT-Tunisia | 2009 - 2011

*Topics include: Mathematics, Physics, Chemistry and algorithms.*