



## Rafael Andreou

Full Stack Software Developer

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## Summary

Full Stack Software developer. Well-versed in numerous programming languages. Skilled at writing well-designed, testable and efficient code. Fast learner, hard worker and team player. Delivers well-made projects on time. Honest with Excellent Communication/ Collaboration Skills.

## Work Experience

- Summer 2018 HF Markets Junior Software Developer-Internship

Responsible for developing small/medium scale features (backend and frontend) for the mobile app and the website of the company. Technology Stack was Python/Tornado for the backend and ReactJS-Native/Javascript for the Frontend.

- June 2019 - July 2020 HF Markets Software Developer

Responsible for developing/maintaining and pushing new releases on the mobile app of the company. Worked on large scale projects (full stack - backend and frontend) which included working on multiple components/projects. Built/rewrite services to latest technologies. Technology Stack was Python/Tornado for the backend and ReactNative/Javascript for the Frontend.

- July 2020 - Present Proto.io Software Engineer

Working on maintaining and developing new features for the product. Mainly working on backend related tasks (NodeJS). Also working on Frontend tasks (ReactJS) when necessary.

## Education

- 2015-2019      **Computer Science**      Grade: 7.99  
University of Cyprus
- 2010-2013      Vergina's High School, Larnaca, Cyprus      Grade: 18.83

## Projects

- UniBook

A social network mobile app that was created for the purposes of EPL435/HCI project. It enables students of University Community, to connect with each other whilst protecting their real identity. Users can post messages and photos anonymously into a public wall, they can chat with other users, receive notifications all in real-time, and search for other users based on filters. The application has been uploaded to Play Store/ AppStore by March 2019. Server though went down after we were no longer able to support the project. App was built on Ionic v4 initially and then migrated to React Native. Used NodeJS for back-end (ExpressJS + Socket.IO) and PostgreSQL for the database.

- CyTalks

A personal fun project, built in my free time last Summer. Explore Cyprus, learning Cypriot words, phrases and much more. Challenge yourself in SinglePlayer mode, challenge a friend or play real-time within a room with up to 10 friends. Built using Ionic Framework v3 and NodeJS for back-end (ExpressJS + Socket.IO). App is published on play store.

- Typography – Copy Center Website

A Single Page website built for a typography – copy center. Built using simple Web Technologies. Also used DropboxAPI for NodeJS to dynamically load categories of products according to folders in Dropbox.

- Academic System - University of Cyprus.

System that helps professors and other staff of the university to store activities about their career and other university activities and able to export statistics and reports. (Team project - I implemented the major of the front-end of the system on AngularJS).

- questI – University of Cyprus

A game that was implemented for a project on a Web Technologies course. It offered an interactive lesson – teacher was able to send questions to students in real time in class using his mobile or laptop -. (Team project - I implemented the mobile application on Ionic platform – used node.js to implement a socket server for real time connection). – Not installed.

## Accomplishments

- Cyprus Digital Championship 2019 - 1<sup>st</sup> Place (UniBook)
- SINN 2019 (Student Innovator Competition) - 1<sup>st</sup> Place (UniBook)
- Publication - Check-It: A Plugin for Detecting and Reducing the Spread of Fake News and Misinformation on the Web (Thesis Project)

## Languages

- Greek Mother Tongue
- English Fluent written and spoken

## Skills And Proficiencies

- Full Stack Web Development
- Frontend Javascript Frameworks (React,Angular)
- Backend Frameworks (ExpressJS,Tornado)

## Other Tools

- Linux Tools
- Bash Programming
- Java/C Language
- Relational - Non Relational Databases
- Data Analysis (Apache Spark)