

Athanasios Papazoglou

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Experience

Epsilon SingularLogic S.A.

iOS Developer | Aug 2020 – Present

- In charge of rebuilding and maintaining MyElpedison app with over 15K downloads in the App Store & Sephora Greece, a Top-20 app in Shopping with over 50K downloads.
- Creation of Prolepsis research app.

CovidSense (Available at UAE App Store)

iOS Developer | May 2020 – Dec 2020

- Integration with Apple's open-source ResearchKit, CareKit and HealthKit for developing a biomedical app for COVID-19.
- Generate heart rate pulse as a live graph using iPhone's back camera (Open-sourced on Github).
- Usage of microphone for recording user's breath and cough with custom visual instructions.

Twiddle

iOS Developer | Nov 2018 – Dec 2019

- Image recognition from AVAsset video.
- Label extraction from images using MLVision.
- Usage of RESTful APIs for fetching sound recommendations.
- Assist other developers for design, development and optimization of the app.

Projects

QRiFi

Development of an iOS app that generates custom QR codes for sharing WiFi credentials, along side with a database for saving and retrieving the data.

The app utilizes Keychain for privacy and CoreData.

No. 1 in Productivity during the first week of app's launch in the Greek App Store.

Master's Thesis

Development of an iOS app with Swift that records typing metadata with a custom keyboard. Self reports recording emotion states after typing sessions capture user's emotion. These data are used to train a personalized machine learning model in Python for emotion classification.

Education

Aristotle University of Thessaloniki, Greece

Electrical and Computer Engineering, M.Eng.

Oct 2013 - Jun 2019 | GPA: 7.69/10

Thesis: "Emotion Recognition through Keystroke Dynamics using Machine Learning Models"

Technology Skills

Swift, Python, Java, C++ , C

Languages

Greek: Native Language

English: Proficiency Level

Volunteering

IEEE AUTH Student Branch

Treasurer & Web Master

Jan 2018 - Jan 2019

- Responsible for maintaining the financial account and overseeing all fundraising efforts of the student's branch and for creation and maintaining of the student branch's website.

Other Experiences

9th Infantry Brigade of the Hellenic Army

IT Manager

Military obligations fulfilled as a Lance Corporal

Sep 2019 - Apr 2020

- Built and configured Windows 10 Server with file database and active directory with over 120 users.
- Responsible for regular inspections in military bases under the 9th Infantry, in order to certify that they were functioning under the Hellenic Army's IT guidelines.