

Napoleon – Christos I. Oikonomou

Thessaloniki, Greece | +30 6957979525 | napoleonoikon@gmail.com | iamnapo.me | github.com/iamnapo | linkedin.com/in/iamnapo

Experience

Senior Software Engineer

@ Cyclopt

05/2019 — Present

Thessaloniki, Greece

- Full stack engineering and development using React, Node.js, Express, MongoDB, GraphQL & Serverless Microservices.
- Responsible for designing, building and deploying the IT infrastructure of the company.

Software Engineer & Full-Stack Software Developer

@ Intelligent Systems & Software Engineering Labgroup, Information Processing Laboratory
Department of Electrical & Computer Engineering, Aristotle University of Thessaloniki (AUTH)

04/2018 — 07/2021

Thessaloniki, Greece

- Cross-platform mobile application engineering and development using ReactNativeJS.
- Full stack engineering and development using Node.js, Express, ReactJS and MongoDB.
- Engineering and development of a Big Data management and analytics platform using Apache's Spark, Storm, Kafka, Node.js and CockroachDB.
- Research Associate on a project involving continuous implicit authentication on mobile devices.
- Research Associate on a project involving Nonintrusive Appliance Load Monitoring.

Freelance Software Developer

- Development of scalable and responsive web-apps using the MERN stack.
- Test Driven Development using Enzyme/Chai/Sinon, Jest and AVA.

2017 — Present

Thessaloniki, Greece

Software Development Intern

@ Atypon Systems

Summer 2015

Athens, Greece

- Developed a search engine, using the Java programming language and information retrieval techniques.

Education

Master's Degree in Data and Web Science

Aristotle University of Thessaloniki | Faculty of Science

10/2018 — 04/2020

Thessaloniki, Greece

Graduation grade: 9.17/10 | **ECTS:** 90 | **Thesis:** Developed an infrastructure for automating massive deployment of bitcoin private network nodes for network simulation.

Diploma (Master's Degree) in Electrical and Computer Engineering

Aristotle University of Thessaloniki | Faculty of Engineering

09/2012 — 04/2018

Thessaloniki, Greece

Graduation grade: 8.16/10 | **ECTS:** 313 | **Thesis:** Developed an infrastructure that allows software component discovery and reusability based on their meaning, through the use of a JavaScript module.

Publications

Continuous Implicit Authentication through Touch Traces Modelling

Karanikiotis T, Papamichail MD, Chatzidimitriou KC, *Oikonomou N-CI*, Symeonidis AL, Saripalle SK

2020 IEEE 20th International Conference on Software Quality, Reliability and Security

Canote: A Big Data Management and Analytics Infrastructure for the Web of Things

Chatzidimitriou KC, Papamichail MD, *Oikonomou N-CI*, Lampoudis D, Symeonidis AL

2019 IEEE/WIC/ACM International Conferences on Web Intelligence

npm Packages as Ingredients: A Recipe-based Approach

Chatzidimitriou KC, Papamichail MD, Diamantopoulos T, *Oikonomou N-CI*, Symeonidis AL

ICSOFT 2019: 14th International Conference on Software Technologies

BrainRun: A Behavioural Biometrics Dataset towards Continuous Implicit Authentication

Papamichail MD, Chatzidimitriou KC, Karanikiotis T, *Oikonomou N-CI*, Symeonidis AL, Saripalle SK

Data. 2019; 4(2):60

Skills

- **Programming Languages:** JavaScript, Python, C, Java, Scala, MATLAB, R, Julia, [HTML/CSS]
- **Technologies:** Git, ReactJS, ReactNativeJS, ES6, Sass, Webpack, Electron, MongoDB, Apache Spark, SQL, Redis
- **Engineering experience:** Machine Learning, Cloud Computing, Parallel Computing, Data Mining
- **Languages:** Greek(native), English(fluent).

Awards

EFG Eurobank Ergasias SA Scholarship

September 2012

- For having the highest Panhellenic Examinations grade in the 5th General Unified Lyceum of Ioannina.

Continuous Learning

GitLab Certified Associate , License cyaQm3HvQHah3ouoGyhX_w	GitLab, 2021
The Complete Front-End Web Development Course , License UC-68fb6255-1248-4e23-a530-fa30f1b7caae	Udemy, 2020
Industrial IoT on Google Cloud Platform , License 34QFHEJ7KNAN	Coursera, 2020
Data Science Math Skills , License G2VLYZG244N6	Coursera, 2020
Getting Started with AWS Machine Learning , License 527KH43CH5E9	Coursera, 2020
Google's Go (Golang) Programming Language , License UC-1aec3efe-4ec4-418f-a144-f2a5e7974fd0	Udemy, 2020
Introduction to Philosophy , License WVUDWTFYWMFL	Coursera, 2020
Python Programmer Track , License aeb0362a6190f36d57d5c00af20466de5a2fafc3	DataCamp, 2019
Data Analyst with Python Track , License 33ccbb1968b1be42f4fcfe0bb4954462e56e4210	DataCamp, 2019
Data Scientist with Python Track , License 9fae0d846d30f65dc675c70a1e5061adc37c7887	DataCamp, 2019
Google Analytics for Power Users , License hPy8DgwDRKeh6DzY8BOEtA	Google, 2018
Advanced Google Analytics , License QQ-sBDRVRjK87IZU6ZrWCg	Google, 2018
Getting Started with Google Analytics 360 , License o_Sbmu-DRQujI9PXSHfJzQ	Google, 2018

full list available at: iamnapo.me/courses

Organizations

Technical Chamber of Greece, *Member*

10/2018 — **Present**

Institute of Electrical and Electronics Engineers, *Student Member*

2012 — 2020

Interests

- Contributing to Open-Source Software
- Philosophy/Politics/Debating
- Reading (*mostly crime*) novels
- Watching TV series/movies