

# Christos Petridis

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## Education

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Sep 2019 – Ongoing    **University of Thessaly**, Volos, Greece  
B.Sc. & M.Eng. Diploma (5-year degree) in Electrical and Computer Engineering

## Professional Experience

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Jun 2023 – Ongoing    **Angelicooussis Group**, Athens, Greece  
*ICT Engineer Internship*  
Summer Internship in the IT Department of one of the world's largest shipping companies.

Jul 2022 – Aug 2022    **Psathas Neilos Christos Software Company**, Volos, Greece  
*Software Engineer Internship*  
Assisted the team both in mobile application development and in the backend development (set up a NodeJS server & our own API service).

Feb 2022 – Jun 2022    **Swollet Ltd**, Dublin, Ireland  
*Software Engineer Internship*  
Assisted the team in mobile application development and optimizing the website.

## Projects

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- Modified Linux Kernel for *Operating Systems* class, we replaced some of the algorithms with new ones.
- Developed a 5-stage pipelined MIPS CPU from scratch, for *Computer System Organization* class.
- Assisted a team with a European Project called Green Your Freight (GYF) not only in developing the android mobile app but also helped them setting up a NodeJS server.
- Developed a client-server chat (desktop application) using Java sockets.
- Developed a fully functional file explorer (desktop application) using Java.
- Developed both the web app and the mobile app (Android) for a marketplace in place of a class in university (special topic).
- Developed a simple file drive where files are being stored in MongoDB (web app).
- Conducted data analysis on a given dataset for my Data Mining class where I created a machine learning model for making predictions.

## **Skills**

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Programming Languages & Frameworks	C, Python, Java, SQL, NodeJS, JavaScript, HTML, Express, EJS, Swift
Databases	MySQL, PostgreSQL, MongoDB, Firebase, SQLite
Technologies	Git (Version Control), Android Studio, Xcode, Unix CLI

## **Courses - Specializations**

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- Machine Learning Specialization (inc. 3 courses)  
*From Stanford University & DeepLearning.AI*
  - I. Supervised Machine Learning: Regression and Classification
  - II. Advanced Learning Algorithms
  - III. Unsupervised Learning, Recommenders, Reinforcement Learning

## **Languages**

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**English** (fluent – C2), **German** (advanced – B2), **Greek** (native)