George M. Kousis

ELECTRICAL AND COMPUTER ENGINEER

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Experience

Scytalys Interoperability Systems
Athens, Greece

JUNIOR SOFTWARE ENGINEER
Aug. 2020 - Present

- Part of the mobile development team (**Android** and **Java**).
- Enhancement of spatial search algotirthm of an already existing library (**C**).

Alfa Laval
Aalborg, Denmark

PROGRAMMER STUDENT WORKER
Jan. 2020 - Jun.2020

- Responsible for extending functionality of in-house tooling used by Boiler Sales team. **VBA** and **Windows Forms**.
- **Python** application. **Tkinter** GUI, filesystem operations to automate management of order folders.

Information Technology Support Center (KEPYES), Hellenic Army
Greece

DATA ANALYTICS & IT SUPPORT (COMPULSORY MILITARY SERVICE)
Nov. 2018 - Jun. 2019

- Worked in a strict, organized and demanding environment where discipline and confidentiality were paramount.
- Maintenance and update of **MS Access GUI** and back-end applications via **VBA**. Interconnecting MS Excel with Access.

Signal Ocean
Athens, Greece

DATA ENGINEER INTERN
Aug. 2016 - Nov. 2016

- **SQL** queries on complex database. Basic **Tableau** experience
- *Human in the loop* data collection & preparation for insertion into the database
- Sea route visualization tool in **python** via 2D heatmaps.
- Agile environment with daily scrums. Individual as well as team-focused sprints.

Education

Aalborg University (AAU)
Aalborg, Denmark

M.SC. IN VISION, GRAPHICS AND INTERACTIVE SYSTEMS - DISCONTINUED
Sep. 2019 - Apr. 2020

- Semester 1: Took part and presented in AAU's internal *Seven Semester Conference (SEMCON)* with project:
  Weather Classification for Consistent Ilumination in Augmented Reality.
- **Cg/HLSL** for **Unity**. **ARCore** for Unity Android application. **C#** scripting.

National Technical University of Athens (NTUA)
Athens, Greece

M.ENG. IN ELECTRICAL AND COMPUTER ENGINEERING
Sep. 2012 - Feb. 2018

- Major in Software, Computer Systems and Computer Networks
- GPA: 7.94/10
- **Advisors:**
  Professor Papavasileiou Symeon (National Technical University of Athens)
  Assistant Professor Tsiropoulou Eirini-Eleni (University of New Mexico)
- **Thesis published in Future Internet MDPI Journnal:**
  Tsiropoulou, E., Kousis, G., Thanou, A., Lykourentzou, I. and Papavassiliou, S., 2018. Quality of Experience in Cyber-Physical Social Systems Based on Reinforcement Learning and Game Theory. Future Internet, 10(11), p.108

Personal Projects (kusius.github.io/projects)

Song recognizer app for Windows
C++, QT WIDGETS, WASAPI, ACRCLOUD

OpenGL engine experiments
C++, GLSL 3.30 CORE, GLFW, GLM, ASSIMP

GUI Development with CEF
C++, CEF, HTML/CSS/JS

Miscellaneous

Foreign Languages

CERTIFICATIONS

- English: Excellent, Cambridge C1
- French: Fluent, Delf B2 (grew up in Brussels for 5yrs)
- Greek: Native

Games

IF IT'S FUN, I PLAY IT!

- Favourite genres: puzzle, mystery, action, rpg, competitive games
- Previously part of the Skywind mod for TESV: Skyrim as a gameplay mechanics programmer.

Music - Guitar

UNIVERSITY OF WEST LONDON(LCM EXAMINATIONS) - GRADE 8 CERTIFIED

Music has been a consistent builder of confidence and team play throughout the years and is always a joyful activity.