Varnalidis **Konstadinos**

Electrical & Computer Engineer

About me

I like coding , learning new languages and trying to improve my skills.In my free time I like to use sites like leet code in order to improve my way of thinking about problems and also learn new algorithms for the solution of specific problems.I try to stay in touch with the programming languages and technologies that are hot in the the job market.This period I am learning Cloud Computing technologies throw Udemy.

Contact

- Born on 05/04/1996, Age 26
- Military Service Completed
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- 🚗 Car Available, Driving License B
- 🖥 My personal site. Check it out.

Languages

- 🇬🇷 Greek - (Native Language)
- 🇬🇧 English - (Michigan Proficiency C2)

Programming Languages

- **Python**: Intermediate
- **SQL**: Intermediate
- **C**: Intermediate
- **Java**: Basic
- **JavaScript**: Basic+
- **HTML,CSS**: Basic+
- **Docker,Kubernetes,AWS**: Basic

🎓 EDUCATION

2014-Ongoing	**Integrated Master Degree** **Technical University of Crete** *Faculty* Electrical & Computer Engineering	⚲ Chania,Crete

💼 WORK EXPERIENCE

2017-2020	**Mini Market Employee**	⚲ Chania, Crete
	I was the cashier and in charge of the stores' needs like reordering products out of stock refiling fridges and selves and checking for expired products.	
2014-2016	**Board of European Students of Technology**	⚲ Chania, Crete
	I helped organize multiple events like engineering competition,General Assembly ,European Board Assembly and I was the main organizer on Summer Course 2015.I was also a team member of the FR (Fund Raising) team.	

📖 Projects

Parallel Programming 2019 — **Find the given DNA sequence in a given text file.** The target of the project was to perform a search of the sequence in a huge array of data 64GBs of RAM and by using different ways and techniques to minimize the compute time.

Databases 2020 — **Implement a Relational Database and write scripts for the asked queries** The first request of the project was to implement the relational database in MySQL.The second request was that in a immense relational db given the schema to right the scripts for the asked queries having in mind the execution time.

Operating Systems 2017 — **Transform the scheduler of the OS from single cycle to multi cycle** After studying and understanding the OS we had to change the scheduling procedure as well to implement the use of threads by implementing the required functions.

Web Development 2019 — **Create a tourist guide website** Using Django for the framework and HTML,CSS for the front end we developed an algorithm which by using the user inputs was outputting the best place for him to choose from our database using Euclidean distance.

Computer Architecture 2018 — **RISC-V Processor** The goal of the project was to create a RISK processor form ground up in three different stages using Xilinx ISE .I started by creating the single cycle first then by adding the needed registers I transformed it to multi-cycle and in the end by changing the control and datapath I made it pipelined.

Computer Architecture 2 2018 — **Maximizing Usage** The goal of the project was use the maximum space in a processor using Vivado. I implemented a simple module and the try to use the max space of the processor in order to achieve better computational times.

— **Soft Skills and Strengths** —

Curiosity   Flexibility

Ability to Plan and Organize

Problem Solving   Team Working

Love Learning New Things

Good Communication

🖥 INFORMATION TECHNOLOGY SKILLS

Data Analysis	**MATLAB**: *Basic*
	Tableau: *Basic*
	R: *Basic*
Data Science	**Tensorflow 2.0**: *Basic*
	Pandas: *Basic*
	NumPy: *Basic*
	Sklearn: *Basic*
Modeling and Simulation	**Xilinx-ISE** : *Inter*
	Vivado : *Basic*
FrameWorks	**Django** : *Intermediate*
	React : *Intermediate*
Office Automation	**MS Office (Excel, Word, PowerPoint)**: *Advanced*
	LaTeX: *Intermediate*

📖 Personal Projects

My own Portfolio	This is my own website for my job search.It is developed with React.js Javascript and CSS.It is hosted on heroku and is mainly front-end.
Chess Game	This is my try to code a chess game with an AI opponent ,right now it's just with yourself.It's made with Python and Pygame.You can find it in my github or by clicking the github icon at my website.
Projects in the making	At the moment I aiming to finish the to do list in my chess game and after to start a stat tracking web application for the Euro-league and the NBA.

✹ Certificates

𝒰 Udemy	
Google	• The Data Science Course 2022: Complete Data Science Bootcamp
	• Google Data Analytics Professional Certificate

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