

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 Udemey.

Contact



Born on 05/04/1996, Age 26

Military Service Completed



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kostas-varnalidis



Kvarnalidis



Car Available, Driving License B

Languages



Greek - (Native Language)



English - (Michigan Proficiency C2)

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 refilling 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**
2018

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 from 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

Other Interests

- Basket
- Educational Videos



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*

Office Automation

MS Office (Excel, Word, PowerPoint): *Advanced***TeX:** *Intermediate*

</> PROGRAMMING LANGUAGES

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

🌟 Certificates



- The Data Science Course 2022: Complete Data Science Bootcamp
- Google Data Analytics Professional Certificate