



## Georgios Michailidis

**Nationality:** Greek

 (+30) 6938129675

**Date of birth:** 29/01/1991

**Gender:** Male

 **Email address:** [geormichpaysurveyclub@gmail.com](mailto:geormichpaysurveyclub@gmail.com)

 **Website:** <https://github.com/geormich55>

 **LinkedIn :** <https://www.linkedin.com/in/gmihailidis/>

 **Facebook :** <https://www.facebook.com/georgemihailidis12>

 **Address:** Eptapurgiou 65, 56626 Thessaloniki (Greece)

### WORK EXPERIENCE

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#### Junior Machine Learning Engineer

**Eketa-Certh-IDEP** [ 22/09/2020 – 05/01/2021 ]

**City:** Thessaloniki, Themi

**Country:** Greece

Internship at certh IDEP with researcher Athanasios Papadopoulos where we developed linear regression models, neural networks and convolutional neural networks for the identification of cyclic and non-cyclic hydrocarbons in the Cycle of Alternative Refrigeration Absorbents (Refrigerants) absorbants) and data and images from the Pubchem database.

#### Web and Application Developer

**TheJokers** [ 21/01/2021 – 04/06/2021 ]

**City:** Thessaloniki

**Country:** Greece

Work as a web and application developer and as a technical support too in <> digital agency in Thessaloniki and development of

1. and

-2.a project management and predictive analytics software (SAAS) in Access in C Sharp and improvement of specific activities with Gantt Charts and timelines and usage of some kpis also in order to improve the cashflow of a company and take better investing decisions.

3. I tried to develop an AI model trying to predict if a comment or post is malicious or not..This could help companies' e-mail marketing teams find out who's customer claims are malicious and who's not in order to answer appropriately.

4. Internet marketing software such as Google Analytics, Google Adwords, Google Adsense, Google Tag Manager etc

#### Engineer of Medical Equipment

**Vaktro Scientific** [ 13/06/2021 – 12/08/2021 ]

**City:** Thessaloniki, Themi

**Country:** Greece

I worked for a while as a biomedical engineer and salesman in the company with Medical Equipment and blood analyzers named Vaktro in Thessaloniki

## **Business analyst**

**Brainnest** [ 15/09/2021 – 24/12/2021 ]

City: Bremen

Country: Germany

I have been accepted on Brainnest company's Data Analytics-Business Analytics training program(<https://www.brainnest.consulting/>) and I have completed it successfully(We dealt with stakeholders, annual reports, financial statements, financial rates, KPIs, Porter 5 forces, Porter's Diamond, SWOT Analysis, Pest Analysis, business strategy etc and the use of some data analytics software such as Microsoft Power Bi, Google Data Studio etc)

## **Electrical engineer**

**AP Domiki**

City: Thessaloniki

Country: Greece

I was successfully accepted in the program of TEE / TKM in collaboration with SEPVE (Association of Informatics Enterprises of Northern Greece) in the program held at KDVM SARONIS ATEVE with the title EVALUATION AND FINANCING OF TECHNICAL WORKS which contains some project management lessons too and which will be completed on March 2022 and parallel internship at technical office AP DOMIKI as project manager of technical projects and electrical engineer

## **EDUCATION AND TRAINING**

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### **School of Electrical & Computer Engineering-Electrical Engineering and Computer Science Department of Polytechnic School of APTH**

**Aristotle University of Thessaloniki-Polytechnic School** [ 18/09/2012 – 24/03/2021 ]

Address: Egnatia Str., University Campus, Dept. of Electrical & Computer Engineering, 54124 Thessaloniki (Greece)  
<https://ee.auth.gr/>

Field(s) of study: Electrical Engineering and Computer Science

I completed my studies at the Department of Electrical Engineering Engineering and Computer Engineering in the field of Electronics and Computer and I did a diploma on << Machine Techniques Learning to optimize condenser efficiency and cost Elpedison Combined Gas Cycle Unit >> Where I developed from data they got from DCS from its cycle Elpedison in Monastiriou Thessaloniki machine learning algorithms mainly linear regression and neural networks in Python and I did thermal balances of the unit in order to improve the wrong series condenser and HRSG efficiency optimization and reduction variable unit cost in order to find additional factors affecting yields beyond those already known by mathematical relations.

### **Msc in Cybersecurity and Web Security**

**Military School Euelpidon** [ 15/09/2021 – Current ]

Address: Durraxiou 16,Βάρη, 166 72 Athens (Greece)  
<https://master.sse.gr/html/>

### **Erasmus Plus (+) program in the Computer Science department of Ben Gurion University of Negev in Israel**

**Erasmus Plus (+)** [ 12/02/2016 – 13/07/2016 ]

<https://www.erasmus-plus.gr/>

**Department of Applied Informatics at University of Macedonia**  
**University of Macedonia** [ 16/10/2010 – 16/08/2012 ]

Address: Egnatia 156, 546 36 Thessaloniki (Greece)

<https://www.uom.gr/dai>

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## LANGUAGE SKILLS

Mother tongue(s): **Greek**

Other language(s):

### English

**LISTENING C1 READING C1 WRITING C1**

**SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1**

### German

**LISTENING B1 READING B1 WRITING B1**

**SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1**

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## DIGITAL SKILLS

Google Docs / Social Media / Facebook / Skype / Power Point / Google Drive / Instagram / Organizational and planning skills / Written and Verbal skills / Team-work oriented / Good listener and communicator / Decision-making / Reliability / Responsibility / Critical thinking / Gmail / Motivated / Zoom / MS Office (MS Word, MS Excel, MS Powerpoint, MS Outlook, MS Teams, MS Project) / Data Visualization (Tableau, Carto) / MicroSoft Power BI / Google data Studio / Programming in modern programming languages / Programming in languages Turbo Pascal, FORTRAN, and C / C, C++, Assembly Language Programming / Visual Studio - Visual Basic / C, C++, C## (C-Sharp) / Programming (C, Java, Python, OCaml, OpenGL) / Web Programming: HTML, CSS, Javascript (front-end), Java (back-end) / Programming Languages: Java, C, Kotlin, C#, Javascript / Php and MySQL / Socket.io(server-client) / Good TCP/IP knowledge / UDP&TCP sockets / Wordpress, SEO, Analytics / Content Management System (WordPress Typo3 Joomla) / Google (Google Meet, Google Docs, Google Classroom, Google Forms, Google Drive, Google Slide) / Google: (Google Business, Google ADS & Google Analytics) / Correl Draw / Adobe (Adobe Photoshop, Adobe Lightroom, Adobe Premiere, Adobe Bridge, Adobe) / Adobe (Adobe Photoshop, Adobe Illustrator, Adobe Lightroom, Adobe InDesign, Adobe Premiere) / SONY VEGAS / Active Presenter / AutoDESK AutoCAD (Optimal Knowledge) / Very good knowledge of Cadence Virtuoso software / P-Spice / ANSYS HFSS / Simulation with CST Microwave studio, HFSS, AWR, MATLAB and ADS / HFSS - 3D Electromagnetic Field Simulator / HFSS Tool for antenna design / Sonnet (Electromagnetic Software for microstrip antenna design) / Raspberry PI / Machine LEarning / Neural networks / LINEAR REGRESSION / Multivariate Regression (Lineer Logistic) / Naive Bayes Classifier / K-means / K-Means Clustering / Principal Component Analysis, Clustering, K-NN, K-means / Digital Control System (DCS) / AWS certified Cloud Practitioner / Cyber security course / CISCO Cybersecurity Essentials / Strategic Planning / Internet user / LinkedIn / Flexibility / Creativity

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## MENSA IQ SOCIETY MEMBER AND HIGHEST SCORE ON BOTH MENSA IQ TESTS

### Mensa IQ Society member

[ 24/10/2017 – Current ]

Success in the first IQ test of Hellenic Mensa and acquisition of membership of Greek Mensa which I still have in the exams that took place in Thessaloniki at the University of Macedonia with a score in the test 135/135 IQ (1% of the world population but maybe even smaller scale as this test measures up to 135 IQ) .. (the entry limit in Mensa is 131 IQ with the Weschler scale which means that you belong to 2% of the population) .. The test conducted by the Greek MENSA is the FRT Form A (Figure Reasoning Test) on the Wechsler scale (sd15) and the entry limit is 131.

Success in the second test of MENSA entitled FRT FORM B where it detects up to 145 IQ on the Weschler scale .. (percentage 1 per thousand) achieving a score of 145/145

<https://www.mensa.org.gr/>

## **FOOTBALL REFEREE ON EPSM**

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### **Foo**

[ 08/09/2019 – 15/06/2021 ]

Success in the examinations of the football refereeing school of the Referees Association of Northern Greece and work as a referee of D National Football (EPSM) in the category of children and above .. until September 2019

<https://www.referee.gr/home/index.asp>

## **SUCCESS ON 9TH CYCLE OF OKTHESS START UP INCUBATOR IN THESSALONIKI,GREECE**

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### **Success on 9th cycle of Okthess Start Up Incubator in Thessaloniki,Greece**

Success, qualification and participation in the 9th

Okthess circle with

coach Mr. Nikolaos Tsoniotis with the start up in which I participate and

I still have a percentage on AI bot for non guided walking tours on

in the Greek tradition and culture of Guidors ([www.guidors.com](http://www.guidors.com)) (

<https://www.facebook.com/Guidors-111923380305368/>) and augmented map

Augmented Reality Travel Map

<https://youtu.be/oBFTFp5iy4Q>

<https://okthess.gr/en/>

## **GOOGLE PARTNER**

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### **Google Partner**

[ 12/11/2016 – 12/11/2017 ]

Hold a googlepartner degree and knowledge of Google Adwords

<https://www.google.com/partners/work-with-a-partner/>

## **VENTURE GARDEN TOY ACT(ANATOLIA COLLEGE OF THESSALONIKI)**

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### **Participation in the Venture Garden of ACT (Anatolia College of Thessaloniki)**

[ 08/03/2018 – 06/05/2018 ]

Participation in the Venture Garden of ACT (Anatolia College of

Thessaloniki) with the business concept Analysis and localization

malicious comments via NLP, Sentiment Analysis and web usage

crawler (extract data-comments from web databases)

<https://www.venturegarden.gr/>