

# VANGELIS SPATHONIS

## SOFTWARE ENGINEER

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## SUMMARY

Studying Electrical and Computer Engineering at University of Patras. A sound background in electronics and software developing as well as extensive training in structured programming techniques such as C++, Python, Java and JavaScript.

## EXPERIENCE

### Front-End Software Engineer

#### Project Agora

📅 July 2019 – now 📍 Patra, Greece

Front-End Developer using Angular Framework.

- Micro Front-end architect using Single-SPA
- Release Engineer
- Responsive Web Design
- Scrum agile process framework
- Gitflow Workflow

### Machine Learning Researcher

#### University of Patras

📅 Sep 2019 – now 📍 Patra, Greece

- Experience with applied machine learning to real-world datasets with Python
- Natural Language Processing with Spacy
- Machine learning algorithms using Scikit-learn
- Hang-on Deep learning with Keras and Tensorflow

## EDUCATION & TRAINING

### Department of Electrical and Computer Engineering

#### Polytechnic University of Patras

📅 September 2014 – now 📍 Patra, Greece

- Five year BCS in Electronics and Computer Engineering (Integrated Master)
- Modules: Linear Algebra, Probabilities, Statistic, Computer Science (C, Matlab, Python, Java, C++, JavaScript), Analogue and Digital Electronics, Real Time Distributed Systems, Algorithms, Object Oriented Programming, Software Engineering, Operating Systems, Web Technologies Data Bases, Computer Network Security, Computer Graphics and UX Design.
- University Projects:
  - Smart Home Web Application (HTML,CSS,JS,NodeJS)
  - Tree Simulation (C++ OpenGL)
  - Review and Redesign Website (Adobe XD)
  - Blood Pressure Monitoring System (JAVA + MySQL)
  - Student Management System (MySQL + Python).

### 1st High School of Argostoli

📅 September 2011 – June 2014 📍 Argostoli, Greece

- Graduated with “Excellent” on Panhellenic National Examinations (June 2014)

## CERTIFICATES AND HONORS

- Certificate of Proficiency in English (ECPE -Level C2)
- George & Marie Vergotti foundation Scholarship of excellence (June 2014)
- Udemy Courses on Full Stack Frameworks, Data science, Machine Learning, NLP, Tensorflow and Spark.

## PROGRAMMING LANGUAGES

Java, Matlab, C, C++, Python

SQL, MongoDB, Elasticsearch, Spark

Html/Css/JavaScript/Angular

PHP/NodeJS

Pandas, NLTK, Scikit-learn, Tensorflow, Keras

## LANGUAGES

Greek ●●●●●

English ●●●●●

## INDIVIDUAL PROJECTS

- Digit Recognition (MNIST) using ANN (Python Flask, Keras, Angular 9) (Apr 2020)
- Asteia Tweets Mobile Application (Ionic 4) (Apr 2020)
- Bokeh: Photography Web Application (HTML,CSS,JS,NodeJS) (Jule 2019)
- Blogger posts automation from twitter (Python + Twitter API) (June 2018).
- Asteia Status (Android application) (December 2017- Now).
- Tichu Game (Python) ( July 2015 - Now )

## OTHER INFORMATION

- Founder and developer of the website and application “Asteia status” with over 15 million views
- Volunteered during summertime to teach children to swim. High responsibility with comprehensive character
- Certificate of volunteering tree planting by University of Patra (February 2016)
- Other interests include traveling, swimming (12 years championship), gymnastic and bodybuilding
- Very social and talkative person. Like working in a team and cooperate with other people.