

# Panagiotis Evangeliou

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## EDUCATION

### National and Kapodistrian University of Athens

BS in Computer Science

Current GPA 8.40/10

Completed Courses 31/39

2015 - Current

## SKILLS

**Programming Languages:** Python, Java, PHP, C, C++, Matlab, Bash

**Web Development:** React, Spring, Javascript, Typescript, Node.js, HTML5, CSS3, Bootstrap, Hibernate, JPA, MVC, REST, JavaEE (Servlets, JSP), Apache2, TomCat, Material-UI

**Databases:** SQL (MySQL, IBM db2, postgresSQL), NoSQL (ElasticSearch)

**Data Science:** Pandas, Sklearn, Jupyter Notebooks, NumPy, Matplotlib, Seaborn

**Version Control & OS:** Git, Github, GitLab, Linux, Ubuntu, WSL2, Windows, Windows Server, Red Hat Linux

**Other:** MPI, Oracle SQL Developer, PhpStorm, PyCharm, WebStorm, IBM Data Studio, LaTeX, Word, Excel, PowerPoint

## EMPLOYMENT

### European Organization for Nuclear Research (CERN), Full Stack Web Developer (Technical Student)

Mar. 2021 - Apr. 2022  
Geneva, Switzerland

Full Stack Web Developer in the Web Team of the International Relations Department at CERN, the team responsible for managing the core website of CERN and a set of official CERN websites.

- Technologies: **Drupal, PHP**, HTML, CSS, Bootstrap, JavaScript, **Python, Django**, Postgres, **ReactJS**, Openshift
- My role:
  - Migration of websites from Drupal 8 to Drupal 9. Maintenance of Drupal CERN Theme and modules. Maintenance of the home website of CERN.
  - Organising and supporting the Drupal Community of CERN by providing assistance and consulting regarding the maintenance and expansion of their website. Also making guides and documentation so as to help the website owners and editors.
  - Maintaining and expanding myCERN web application using Django and Postgres (backend), ReactJS (frontend), Openshift (hosting) and Gitlab CI (deployment).

### Agile Actors, Junior Software Engineer

July 2020 - Jan. 2021  
Athens, Greece

Working for ICAP Group (outsourcing contractor of Agile Actors).

- Project Description:
  - Creating CRUD web application for a Business Registry.
- Technologies: **Java, React, Spring**, Hibernate, JPA, MVC, REST, IBM db2, IBM Data Studio, Apache2, TomCat, HTML5, CSS3, Bootstrap, Material-UI
- My role:
  - Full stack web development for the whole application using the MVC pattern. Design and implementation of the database (designed the entity relationship diagram (ERD) using Lucidchart and created the IBM db2 database on a Windows Server VM).
  - Building RESTful Web Service Application using Java and Spring Boot and deploying it into TomCat server on a Linux Red Hat VM.
  - Creating forms and tables (react-table) in React for viewing/editing/creating operations for all the entities in the database, using Bootstrap and Material-UI libraries. Implementing export to pdf and CSV functionalities for information about businesses and financial reports, using open source libraries in React like react-CSV and jspdf.

### Hellenic Army Academy (Evelpidon), Computer and Network Specialist

Nov. 2019 - June 2020  
Vari, Athens, Greece

Military Service: Research - Informatics Corps

- Support and maintenance of the Academy's computers at hardware and software level (it is worth mentioning that the Hellenic Army Academy has the second largest network within the Greek Army, which consists of 2 MAN networks with over 1200 users and 2000 machines).
- Development and support of the Academy's new webpage ([www.sse.army.gr](http://www.sse.army.gr)), using Drupal CMS.
- Installation and maintenance of wired and wireless networks of the Academy's campus (UTP/STP cabling, optical fibers, Cisco Aironet/Ubiquiti Unifi wireless couplings).

# EMPLOYMENT

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**Cognify S.A.**, *Junior Developer / Consultant*

July 2018 - Jan. 2019  
Athens, Greece

- **Projects Description:**
  - Creating a responsive version of the existing eCommerce website developed using the Oracle eCommerce ATG platform. Using Elasticsearch for optimizing product search engine and creating back office tool for existing eCommerce website developed using Oracle eCommerce ATG platform.
- **Technologies:** **Java**, **Oracle ATG**, Html, CSS, JavaScript, JSP, Git, Bash Script, SQL, SQL Developer, **Elasticsearch**
- **My role:**
  - Testing / Fixing Bugs in either HTML/CSS or Java during the UAT phase. Creating whole pages (both front-end and back-end) for the back-office tool like Profile Search, Order Details, Product Search etc. Developing in Java using **Elasticsearch**.

# PROJECTS

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## Twitter Sentiment Analysis

- Course Project of Data Mining Course.
- Implemented in Python using libraries like Pandas and Scikit-learn.
- Performed the classification using 2 different classifiers: Support Vector Machines (SVM) and K-Nearest Neighbors (KNN).
- Performed the vectorization using 3 different techniques: Bag-of-Words (BOW), Term Frequency – Inverse Document Frequency (TF-IDF) and Word Embeddings.
- Also performed text preprocessing so as to reduce the noise and irrelevant features in the text and improve the accuracy of classification.

## Data Analysis and Clustering

- Course project for the Data Mining course of the Department of Informatics of the National and Kapodistrian University.
- In this project the task was to perform data analysis as well as clustering with the use of k means for the crime data of the city of Boston.

To see all my projects visit my personal website: <https://panosevange.github.io/>

# VOLUNTEERING

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## Coconutwork

*Youth Exchange Participant - Erasmus+*

Flores, Azores, Portugal

Subject: Sustainable development using the environment as a resource for youth enterprises in rural areas

## Greek Youth Mobility

*Youth Exchange Participant - Erasmus+*

Curteni, Romania

Subject: Circular Economy and Social Entrepreneurship

## Environment Online - Greece (EN.O. Greece)

*Youth Exchange Participant - Erasmus+*

Žižice, Czechia

Subject: Authenticity

## Youthfully Yours GR

*Youth Exchange Participant - Erasmus+*

Murzasichle, Poland

Subject: Youth Unemployment and Entrepreneurship

## Youth Center of Epirus

*Youth Exchange Participant - Erasmus+*

Ocna Șugatag, Romania

Subject: The May 2019 elections

# AWARDS

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**The "Great Moment for Education"**, *Eurobank*

Dec. 2015

Award for the first graduate of each school

# ACTIVITIES

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Travelling, photography, playing chess and occupation with traditional dances.