



# George Smyrnaios

---

---

## Education

Sept. 2009 – **Grade: 7.0 (est.)**, *Computer Science Department*, University of Crete.  
Oct. 2015  
(est.)

---

## Graduation Thesis

title “*Opinion Mining on Parliamentary Commentaries, using Machine Learning.*”  
supervisors Dimitris Plexousakis,  
*Professor of Computer Science, University of Crete*  
description Developed a tool that recognizes patterns on plain texts in order to extract several kind of semantic information (like arguments, suggestions, general agreement of the author) using machine learning.

### Technologies used

**Java Web Server:** Implemented a Java Web Server in order to communicate with the back-End system.

**HTML5 - Javascript:** Developed a simple GUI in order to let the user send raw texts for the analysis.

**MySQL:** Implemented a MySQL Database in order to store the output of the data mining process.

**Elasticsearch:** Elasticsearch used in order to create an index, which used for the mining process. Especially to use TF-IDF an perform complex queries to the index.

**WEKA Framework:** Used to apply several machine learning algorithms.

---

## Experience

### Vocational

2013–2014 **Database Systems within the program NSRF 2013**, *Database System Developer*, HCMR, Heraklion.  
Developed a Database Administration System from scratch.  
The front-end is written in PHP and the database is implemented in MySQL.

*Kidonias 12, Heraklion, Crete – 71202 – Greece*

☎ +30 6945762745 • ✉ [smyrgeorge@hotmail.com](mailto:smyrgeorge@hotmail.com)

🌐 <https://gr.linkedin.com/in/smyrgeorge>

2014–2015 **Database Systems within the program NSRF 2014**, *Database System Developer*, HCMR, Heraklion.

Developed a Database Administration System from scratch.

The front-end is written in JAVA FX and the database is implemented in MySQL.

#### Miscellaneous

2015 **Talk of Europe**, *Creative Camp*, Amsterdam, CLARIN.

2015 **Scientific Writing Workshop**, *Workshop*, Heraklion, University of Crete.

---

### Languages

Greek **Native Language**

English **Lower**

English **ILTS (est. December)**

---

### Programming

Programming C, C++, Java, Python, Ruby, JavaScript, R, PHP, HTML, CSS, Ruby on Rails, SQL,  
Languages SPARQL

Databases MySQL, Oracle, SQLite

---

### Interests

Computer databases, data mining, machine learning, cloud, SDN, algorithms, computer networks,  
Science network analysis, back-end programming, front-end programming

*Kidonias 12, Heraklion, Crete – 71202 – Greece*

☎ +30 6945762745 • ✉ [smyrgeorge@hotmail.com](mailto:smyrgeorge@hotmail.com)

🌐 <https://gr.linkedin.com/in/smyrgeorge>