

# George Lydakis

SOFTWARE ENGINEER · DATA SCIENTIST

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## Education

### University of Southern California

M.Sc. IN COMPUTER SCIENCE WITH DATA SCIENCE SPECIALIZATION

Los Angeles, CA

Exp. May 2018

### University of Patras

B.Sc. IN ELECTRICAL & COMPUTER ENGINEERING

Patras, Greece

July 2016

- GPA: 3.01/4.00
- Diploma Thesis: Analysis & Visualization of Financial Big Data (Grade: 10/10)

## Technical Experience

### ZuluTrade.com & University of Patras

DIPLOMA THESIS: ANALYSIS & VISUALIZATION OF FINANCIAL BIG DATA

Patras, Greece

Sep. 2015 - Aug. 2016

- Created a Visualization Platform for a Currency Pair Recommender System.
- Skills & Technologies: Docker, PostgreSQL, Elasticsearch, Apache Spark, Python, Javascript, D3.js, DC.js, crossfilter.js

### Brainstorm

CO-FOUNDER

Patras, Greece

July 2011 - July 2015

- Developed together with a friend a number of Windows and Windows apps (5 utilities & 5 games.)
- Featured on Microsoft Student Experience blog for the Illuminate game.
- Skills & Technologies: C#, .NET, Git, MS SQL

### Bloomberg L.P.

FINANCIAL SOFTWARE DEVELOPER INTERN

London, UK

July 2014 - Sep. 2014

- Created a Bloomberg Terminal function that calculated statistical metrics to evaluate the quality of power demand and generation models
- Reported a bug in Python Pandas about stacking MultiIndex DataFrame columns with Timestamps
- Skills & Technologies: Python, Pandas, C/C++, JavaScript, Comdb2, Git

### RTEL

SOFTWARE DEVELOPER INTERN

Rhodes, Greece

Juny 2012 - Aug. 2012

- Developed part of the design and functionality of TravelPal Rhodes for iOS. (a travel guide for Rhodes island)
- Developed a cost management tool for calls
- Skills & Technologies: Objective-C, iOS, C#, MS SQL

## Leadership Experience

### World Universities Debating Championship 2016

VENUE OFFICER

Thessaloniki, Greece

May 2015 - Jan. 2016

- Communicated with venue owners and managed setup and arrangement of the championship spaces.
- Lead team of venue volunteers (approx. 80 people)
- As a side project I collaborated with the Photography Team and created the closing videos of the Championship.

### Microsoft

SENIOR STUDENT PARTNER

Patras, Greece

Oct. 2012 - Sep. 2015

- Team Leader of the local StudentGuru community.
- Organized events, seminars, and trainings at the University promoting the company's developer tools and technologies.
- Contact person between the company and the university.

### Electrical & Computer Engineering Student Conference 8 (ECESCON 8)

COMMITTEE PRESIDENT

Patras, Greece

Aug. 2014 - Apr. 2015

- Oversaw and managed the organization of a conference on national scale with an attendance of over 1,500 people.
- Organized the team structure of the organizing committee.

## Honors & Awards

Dec. 2014 **1st Place: Bediculus**, Startup Weekend Patras

Patras, Greece

Oct. 2014 **Semifinalist: Mezo**, StartupBus Europe

Vienna, Austria