

Apostolos Delis

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EDUCATION

University of California, Los Angeles

BS, Computer Science

Expected graduation date (6/2021)

- GPA: N/A
- Relevant Coursework: Introduction to Computer Science , Multivariable Calculus
- Affiliations: ACM AI, Linux Users Group, LA Hacks, Mathematical Society, Statistical Society,

Skills

- Programming Languages/Skills: Java: (Proficient), Python (Proficient), Matlab (intermediate), C++ (intermediate), Unix (Proficient), Bash (Proficient)
- Programming Libraries: (Pandas, Numpy, Matplotlib, Scikit-learn, TensorFlow, Keras)
- Languages: Greek: Bilingual

Work Experience

Textpert.ai, Los Angeles, California, 10/2017-5/2018, Machine Learning Intern

- Design and Implement Deep Neural Networks for an Artificial Intelligence company
- Relevant Skills: Deep Learning, Natural Language Processing, Python, TensorFlow, Keras

Research Experience

Ozcan Research Lab, UCLA, 9/2017-Present, Machine Learning Researcher

- Assist in photonic and biotechnology research with machine learning algorithms
- Present the research findings at an academic conference at the end of the year
- Relevant Skills: image processing, convolutional neural networks, Matlab, C++, Python

Caltrans, Sacramento, California, 3/2016-4/2017 Computational Seismology Researcher

- Helped develop software algorithms that would model different types of earthquakes
- Ran many simulations that optimized seismic joints on bridges in California and increased seismic tolerance by 16% and reducing material costs from \$2.6 million to \$2.1 million

Aristotle University of Thessaloniki, Thessaloniki, Greece, 5/2015-8/2015 Software/Artificial Intelligence Researcher

- Helped implement machine learning algorithms to predict many environmental phenomena such as predicting when certain types of birds would migrate given features such as the climate/average temperature

High School Activities

- Varsity Boys Soccer - 8/2014-1/2017
 - o School won first place in its league all three years.
- FRC Robotics-11/2013-4/2017
 - o I was a lead programmer for the robotics team which is part of the International FRC robotics competition. We were placed in the top 20 out of 65 teams 2 years in a row at the UC Davis competition with one of the lowest budgets.

- Active GOYA Member at Annunciation Church of Sacramento -9/2013-6/2017
 - Participated in many community service events from feeding the homeless to traveling to Mexico for a week to build shelters for orphans. (roughly 460 hours throughout high school)
- Boy Scouts of America- 8/2013-6/2017
 - I attended numerous camping events and environmental conservation events. Helped advocate for renewable energy and recycling. (community service from all 4 years was roughly 150 hours)
- Assistant Engineer at ConCept in Greece for 5/2015-8/2015
 - I got a job in Greece during the summer where under the direction of a licensed software engineer, I developed structural models and performed computational analysis using SAP2000.
- Co-president of Engineering Club -9/2014-6/2017
 - I taught principles of engineering to my high school peers. I helped design and build and billboard for the school.
- Computer Club -8/2014-6/2017
 - As the outreach coordinator, I helped organize multiple guest speakers from various tech companies like HP and taught numerous kids the basics of programming and 3D printing.
- Oratorical Festival of Greek Orthodox Church CE -11/2013-2/2016
 - Won the public speaking competition at local and regional levels-advanced to metropolitan 2 years in a row.

High School Recognition

- Publication-8th World Congress, Joints, Bearings, and Seismic Systems in Atlanta, Georgia Sep, 2016
 - The Seismic joint I helped create and optimize was eventually internationally recognized at the World Congress and eventually implemented in a dozen bridges within California.
- National AP Scholar
 - Received 3.5 average or higher and at least a 3 on 8 AP Exams
- First Place winner of STEM Expo
 - Won first place last year at the STEM Expo for a Mathematical Model that I created related to the profitability of Car Sharing companies such as Uber
- Second Place winner in Computer Science Category at Science Fair
 - Won second place for a Deep Learning project related to quantifying climate change around the globe
- Top 15 First Robotics Competition- Out of 65 teams at UC Davis Competition
 - Was placed in the top 15 for a robot we created last year used to get through different obstacles and launch balls into goals.
- Eagle Scout-Boy Scouts of America
 - Earned Eagle, the highest rank in Boy Scouts, after completing my Eagle project
- First Place- HP CodeWars
 - Won first place with my team at the annual international HP CodeWars programming competition