Dionysia-Danai Brilli

Undergraduate ECE Student @ NTUA

CONTACT DETAILS

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Linkedin Profile : Danai Brilli

I am a 4th year Electrical and Computer Engineer undergraduate student at National Technical University of Athens.

Programming and robotics are some of my deepest passions, having experience in digital signal processing and specializing in natural language applications.

I also enjoy complementing my time with Android Apps Development and Coaching children's teams for Robotics Competitions.

EDUCATION

Electrical and Computer Engineering
5-year, joint bachelor/master degree
National Technical University of Athens
Current Average: 8.1/10
Areas of specialization:
>Signals,Automatic control &Robotics
>Computer Software
>Computer Systems

Ionideios Model Highschool of Piraeus
Grade 19.7 /20.0

AWARDS

- 1st place in the INTER.E.S.T Competition of Youth Entrepreneurship Simulation in 2016

- 3rd Excellence Award in the National Physics Competition "Aristotle" in 2017

- 4th place in the European BEST Engineering Competition Athens 2018

- Award from the Attica Administrative Region for our team's performance in FLL 2018

WORK EXPERIENCE

- **Coach - FIRST LEGO League Team**
  - Mentoring 10 children aged 10-15 for one year, researching about water, building and programming a robot to take part at FLL Athens 2018
  - Mentoring 10 children aged 10-13 for one year, reasearching about everyday problems in our city and developing a smart watch using Arduino.

- **Coach - FLL Jr Team**
  - Mentoring 10 children aged 7-10 for one year, researching about water and developing a project about it to participate in FLL Jr Athens 2018.

- **Coach - WRO Team**
  - Mentoring 3 children aged 7-10 for one year, preparing our line following robot for WRO Athens 2019.

PARTICIPATIONS & CERTIFICATES

- 3rd Startup Incubation Program at INVENT ICT Incubator -- 2020 - now

- 54th Summer School at NCSR "Demokritos" --summer 2019

- beMORE 11, a seminar for HR Managers --12/2019
  - Soft Skills Trainings (60 hours)

- Entrepreneurial Skills Pass (ESP) --2016

- Introduction to Enterprise Development with Java by Intracom Telecom -- 11/2019

- Particle Physics Masterclass for highschool students --04/2016

- F1 in Schools Greece Competition -- 2016

- WRO Greece Competition -- 2015-2018

LANGUAGES

- English: Excellent knowledge - Proficiency

- French: Good knowledge - B2 Sorbonne

PROGRAMMING LANGUAGES

- Python: very good knowledge
  - experience in DSP, NNs, SLP, NLP

- C,C++ : very good knowledge
  - experience in kernel programming

- Kaldi: good knowledge

- HTML, CSS, Javascript: good knowledge

- PHP: basic knowledge

VOLUNTEERING EXPERIENCE

- **BEST Athens - Vice President for HR**
  - Responsible for creating an HR Strategy, recruiting and motivating all the volunteers.
  - Discovering talents and guiding people to the most appropriate positions for them.
  - Leading a team of 6 people and facilitating group meetings.
  - Responsible for all trainings (soft & hard skills) and knowledge transfer.

- **SPIN Space-Innovation - Arduino Team**
  - Responsible for the electronics of a High Power Rocket.
  - Preparing and presenting Arduino workshops to university students and highschool teachers all over Greece.
  - Performing Technical Reviews for CanSat in Greece 2019.

- **PROM Racing NTUA - Electronics Team**
  - Designing and manufacturing the dashboard system and brake lights of our Formula Student Racing Car.
  - Design & implementation of real-time position tracking system & route calculation.

- **JobFair Athens - Main Event Projects Team**
  - Contacting companies and well-known people to present workshops, talks and participate in panels.

- **Unique Minds - Programming Instructor**
  - Designing and delivering apython programming workshop for high school students.

- **Hack the Lab Hackathon - Mentor**
  - Helping participants with technical problems.