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Permanent Address:
Calea Rahovei 334
Bucharest, Romania
Birth: 06 May 1994

EDUCATION

Princeton University, Princeton, NJ June 2017

- Class: Junior. Major: A.B. in Computer Science
- Coursework: Freshman year: PHY 205 Lagrangian Mechanics (A+). PHY 208 Quantum Mechanics (A) Sophomore year: COS 226 Algorithms and Data Structures, COS 424 Machine Learning, COS 333 Advanced Programming Techniques. Graduate Courses: FIN 531 Computational Finance, FIN 567 Institutional Finance and Trading
- Junior year: COS 461 Computer Networks, COS 340 Reasoning about Computation.
- Receiver of the "Manfred Pyka Memorial Physics Prize" from the Physics Department for outstanding academic achievement in the 2013-14 school year

International Computer High School of Bucharest, Romania June 2013

WORK EXPERIENCE

Aristotle International – Software Engineer Washington, DC Jun. 2015 - Sep. 2015

- Wrote novel Natural Language Processing algorithm and highly parallel crawler that scrapes Politically Exposed Person (PEP) data online

Client Solutions Group – CEO & Founder Romania Jul. 2014 - present

- Founded tech start-up to connect businesses nation-wide. Wrote code to manage call-center, employees, clients, payments, orders, email subscriptions, calls and SMSs. www.bit.ly/info_cs

Max Plank Institute for Software Systems – Resident Scholar Germany Jul. 2014

- Wrote front-end tool in OCaml to perform automated verification of concurrent programs

Large Hadron Collider Experiment, Geneva, CERN – Research Assistant Princeton Jun. 2014

- Wrote computer program to reconstruct High Energy particles' trajectories in dimuon decays and detect collision anomalies

PROJECTS

Co-Lab – A crowdsourced assignment scheduler for students Princeton U. Jan. 2015

- Developed iOS App for Junior Independent Work that makes the time management skills of excelling students available to everyone. Launch in February. bit.ly/colab-demo

Prix Leprince-Ringuet at Ecole Polytechnique and CNRS/IN2P3 France Apr. 2012

- Collaborated with graduate students in the Math department and tackled research problems in polynomials

International Summer Science Camp "ISSC 2012" Portugal Aug. 2012

- Coordinated team to design deck of cards structure that withstood the highest weight Won the "engineering award" for supporting over 200 pounds on top of 6 cards

National Astronomy Camp Romania Jan. 2012

- Monitored asteroid with CCD camera and wrote a computer program using C++ to compute trajectory

HONORS

The national selection round of the International Physics Olympiad/IPhO team is a 1-year process that selects the first 5 of 200.000 interested high school students, and consists of tests in all areas of Physics. In 2013 I represented Romania as the first member of the team and earned the gold medal at the international competition in Denmark. The International Olympiad is held each year between 400 competitors from 80 countries.

Team Captain in the International Young Physicists' Tournament	Taiwan	July 2013
Gold Medal in the International Physics Olympiad IPhO 2013	Denmark	July 2013
Bronze Medal in World Physics Olympiad WoPhO 2013	Indonesia	Jan. 2013
Silver Medal in the International Physics Olympiad IPhO 2012	Estonia	July 2012
Gold Medal in the International Pluridisciplinary Olympiad "Tuymaada"	Russia	July 2011
Gold Medal in the National Physics Olympiad	Romania	2011-2013

SKILLS & INTERESTS

Strong knowledge of C, C++, Java, Python, Swift, MySQL, OCaml, HTML, CSS, Javascript, Mathematica, MATLAB, Autoit, Excel, Access, and Adobe Photoshop
Proficient in French, Basic in German and Turkish
Study Hall Tutor at the McGraw Center for Teaching and Learning in Math, Physics and Economics.
Playing recreational basketball, member of the Ballroom Dancing Club and Princeton Evangelical Fellowship