STEFANO ROCCASECCA

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3910 Irving St, Philadelphia, PA 19104

EDUCATION

University of Pennsylvania - Philadelphia, PA   **September 2015 – May 2019**
Candidate for B.A. in Physics with concentrations in Computer Techniques, Minor in Mathematics- 3.1 GPA
Relevant Coursework: Honors Calculus II-III, Operations and Decisions, Business Statistics, Microeconomics

El Paso High School – El Paso, TX   **August 2011 – May 2015**
National Hispanic Scholar, Distinguished Achievement Plan/ Advanced Seal of Bi-Literacy

PROFESSIONAL EXPERIENCE

Brand Ambassador Startup – North Miami Beach, FL   **May 2017 – August 2017**
Summer Intern
- Implemented Online Payment API and back end optimization to improve customer service on the mobile app.
- Assisting the COO in sales operations, primarily restructuring the rewards tracks and coding the website.

University of Pennsylvania High Energy Physics Department – Philadelphia, PA   **March 2016 – May 2017**
Research Assistant
- Assisting Mitch Newcomer, 2015 Nobel Prize contributor, in assembling circuit boards for a NASA space telescope.
- Designed configuration to test application-specific integrated circuits used in the Deep Underground Neutrino Experiment (DUNE).
- Applied Python, Cadence, and electrical lab equipment to test time delay between ring oscillator and clock input per each ASIC.

Ft. Lauderdale Airport – Fort Lauderdale, FL   **May 2016 – August 2016**
Capital Improvement Program Intern
- Researched engineering and business regulations such as water runoff regulations, traffic management, and cooling.
- Worked alongside CIP Director to determine the legal and financial measures by daily budget proposals, and project meetings.

LEADERSHIP EXPERIENCE & EXTRACURRICULAR ACTIVITIES

Capital One Summit for Developing Leaders – McLean, VA   **May 2017**
- One week business leadership training at Capital One Headquarters.
- Team Case competition to create a technological tool to help clients make better financial decisions.

COMAP Mathematical Contest in Modeling – Philadelphia, PA   **January 2017**
Consortium for Mathematics and Its Applications
- Team competition in which we formulated a solution to highway toll booth traffic using programming models.

YouthHack – Philadelphia, PA   **September 2016 – January 2017**
Startup Studio- Augmented/Virtual Reality
- 10-week startup incubator simulation focused on industry and market research with a mentor.

Wharton Undergraduate Data Analytics Club – Philadelphia, PA   **March 2016 - Present**
Marketing Committee
- Responsible for creating workshop events for data analytic skills or speakers from companies.

Penn Emerging Scholars Program – Philadelphia, PA   **September 2016 – December 2016**
- 8- week logic and algorithmic problem solving workshop program tailored for CIS and STEM majors.

SKILLS

Languages: Fluent in English and Spanish; intermediate Italian.
Computer: Experience in Python, Java, HTML Arduino, and Mathematica.
Programs: Proficient in Cadence, Tableau, JMP, AutoCAD, and Microsoft Excel.
Leadership: Member of the Jumpstart Diversity Forum, Ivy League Policy Conference, Ivy Leadership Summit, and Washington Model Organization of American States.
Hackathons: Participant in PennApps, and WUDAC Data Analytics Visualization Hackathon.

ADDITIONAL INFORMATION

UPenn Quaker Mascot and Soccer fan.