JENNA FICULA

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Rising senior pursuing an opportunity to cultivate my analytical thinking and technical skills

EDUCATION

Marist College - Poughkeepsie, NY

Graduation: May 2019

Major: Bachelor of Science, Computer Science, concentration in Software Development

GPA: 3.7

Minors: Data Science and Analytics, Information Systems, Information Technology

Lorenzo de Medici Institute – Study Abroad – Florence, Italy

Jan 2017 - Jun 2017

RELATED EXPERIENCE

NEWSCORP -

Jun 2018 - Aug 2018

Engineering Intern - New York, New York

Worked on the Search Engine Optimization and Product teams to automate custom dashboards

Used Python, BigQuery, and several SEO APIs to collect and organize abstract data

Analyzed data to draw insights on website performance to inform business decisions

METRO NORTH MTA -

Security Technology Intern - New York, New York

Jun 2017 - Dec 2017

Worked with Geographic Information System technologies to design an application

Translated Microsoft Server SQL database information into custom analytical reports

Analyzed technical specifications for a Customer Service Initiative project

GIRLS WHO CODE -

Jun 2016 - Aug 2016

Teaching Assistant – Goldman Sachs New York, New York

Assisted in the instruction of the Girls Who Code computer science curriculum

Supported students with foundations of computing: Scratch, javascript, HTML/CSS, python, and robotics

GIRLS WHO CODE -

Jun 2013 - Aug 2013

Student – Goldman Sachs New York, New York

Participated and learned core concepts of programming and application development

Built several interactive web applications in HTML/CSS, Javascript, and Python

SPANISH & TECHNOLOGY PROGRAM -

May 2016 - Jun 2016

Technology Teacher – Sosúa, Dominican Republic

Taught local students tablet, Kano, and robotics technologies for a service learning study abroad

HONORS

Full Goldman Sachs-Duet Family Technology Scholarship Recipient through Marist College (2015-2019)

Presented Research at INTED (International Technology, Education and Development) Conference 2017.

C. Matheus, K. Gaugler, J. Ficula, L. Oreilly (2017) DEVELOPING GLOBAL CITIZENSHIP: TOOLS FOR MEASURING THE IMPACT OF ACADEMIC STUDY ABROAD PROGRAMS, INTED2017 Proceedings, pp. 388-394, Valencia, Spain.

Marist College Dean's List, Marist College Dean's Circle: Computer Science (2015-Present)

NCWIT Award for Aspirations in Computing for Northern New Jersey (2014)

TECHNICAL SKILLS

Python, R, Java, HTML, CSS, PHP, Google BigQuery, PostgresQL, Microsoft Server SQL, Microsoft Office, Microsoft Visio, Adobe Photoshop

ACTIVITIES & LEADERSHIP

HackMarist - Hackathon Planning Committee Member

Marist College Computer Society - Member (2015 - present), Treasurer (2016-present)

Participated in club Hackathon

Volunteered for SPLASH program to teach students programming