

Mirayda D. Martinez

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EDUCATION

SWARTHMORE COLLEGE

B.A Computer Science and Economics
May 2020 | Swarthmore, PA
GPA: 3.43 / 4.00

COURSEWORK

Data Structures and Algorithms
Introduction to Computer Systems
Statistical Methods I
Several Variable Calculus
Linear Algebra
Social Entrepreneurship
Introduction to Economics*
Macroeconomics
Microeconomics
**Teaching Assistant*

In Progress:

Natural Language Processing
Algorithms
Statistical Methods II

SKILLS

PROGRAMMING

Confident

Python • C++ • C

Familiar

Java • CSS • HTML • JavaScript • SQL
• React • R

LANGUAGES

Fluent

English • Spanish

Conversational

French

AWARDS

2018

Management Leadership for
Tomorrow (MLT) Fellow

2017

Swarthmore Future Entrepreneurs
Program Fellow
Grace Hopper Celebration of Women
in Computing: Anita Borg Scholar

2016

QuestBridge National College Match
Finalist

EXPERIENCE

CODE ADVISOR AND PROJECT REVIEWER @ CODECADEMY

July 2018 – Present | Philadelphia, PA

- Provide 1:1 technical assistance to 300+ students in Python, HTML, CSS, JavaScript, SQL, Git, and the Command Line
- Review Capstone projects submitted by students and provide clear, actionable feedback to meet code specifications

RESEARCH ASSISTANT @ SWARTHMORE ECONOMICS DEPARTMENT

May 2018 – Present | Swarthmore, PA

- Conduct research and draft a literature review on the role of kinship groups in cross-border trade in Africa, under the guidance of Professor Stephen Golub

MOBILE MARKETING INTERN @ SOCIALLADDER

May 2017 – August 2017 | Philadelphia, PA

- Spearheaded the development of a live demo of the SocialLadder app to showcase to potential clients
- Boosted tickets sales by approximately 130% by interpreting sales data and directly interacting with top social influencers
- Analyzed user growth data over a two-year period using Microsoft Excel to assess the efficacy of current marketing strategies
- Presented summary findings and recommendations at team meetings, leading to an improvement in Customer Relationship Management strategies.

PROJECTS

APP DEVELOPMENT | Present

A React Native mobile application called, 'Abice' whose goal is to help inform individuals, in real-time, of ICE raids in their neighborhoods and in the U.S.

WEB DEVELOPMENT | Jan. 2018

Developed a personal website using HTML, CSS, and JavaScript and used Cloudflare to install SSL for secure web browsing: www.miraydamartinez.com

LEADERSHIP

TEAM MEMBER @ WOMEN IN COMPUTER SCIENCE (WiCS)

August 2016 – Present | Swarthmore, PA

- Coordinate hackathons with nearby colleges and universities; collaborated with 3 upperclassmen in 2016 to launch an early version of a Google Chrome Extension for on-the-go journalists

HEAD MANAGER @ SWARTHMORE STUDENT BUDGET OFFICE (SBC)

January 2017 – January 2018 | Swarthmore, PA

- Managed ~\$600,000 in Student Activity Fees and oversaw recordings of reimbursements and service payments for over 150+ campus groups
- Collaborated with the SBC Chair to launch a new initiative aimed at providing students with subsidized passes for SEPTA transportation into Philadelphia
- Oversaw weekly meetings with treasurers and the SBC board to discuss group budgets and supplemental allocation proposals.
- Maximized budget spending by advising groups on alternative sources of funding, minimized 2017 costs by 24.83%