

ALIYA MERALI

✉ merali4@gmail.com

🌐 /in/aliyamerali

☎ (732) 939-8783

EXPERIENCE

Program Development & Operations Specialist

Gakko, Inc

Sept 2017 - Mar 2018

(six-month contract)

- Led the program development and execution of two new after-school programs for high school students, including the development of processes for and execution of program marketing, student selection, and partnership building
- Managed the logistics of opening an office and classroom space in NYC
- Developed a growth strategy in collaboration with the leadership team to scale existing programs and launch new programs to achieve financial sustainability

Product Manager

Transfix

Sept 2016 - Sept 2017

- Defined the product vision and strategy of the Transfix mobile app based on user research, data collection and analysis
- Set KPIs and prioritized roadmaps with cross-functional engineering, design, and operations teams
- Managed the product execution cycle, including writing product specs, tracking success metrics, and interviewing users
- Collaborated with designers and engineers to determine and deliver the best solutions

Program Director

Access Code

Coalition for Queens

Sept 2014 - June 2016

- Led the design and implementation of Access Code: a free 9-month immersive tech training program in mobile app development for adults from diverse and low income backgrounds that increased graduate salaries from \$18,000 to \$85,000 on average with a 70% job placement rate (three months post-program)
- Built and directly managed a full-time team of four to execute program components to serve 64 participants and 100+ volunteers
- Conducted program evaluation and executed planning and design for modified future iterations of Access Code
- Recruited 1200+ program applicants through community partnership development and maintenance

Data Science Graduate Intern

NYC Police Department (NYPD)

Sept 2013 - Aug 2014

- Constructed a predictive model for NYPD crime calls based on 911, 311, weather, and census data to provide data driven recommendations for police resource allocation
- Utilized ensemble machine learning methods and HPC implementation for construction of allocation model
- Managed relationship between the NYU CUSP engineering team and NYPD to meet project goals and timeline

Program Leader

Science Education

Princeton Plasma Physics Lab

June 2011 - Aug 2013

- Managed five different physics and science education programs for K-12 students, teachers, and undergraduates
- Directed the Young Women's Conference, a regional event highlighting the achievements of women in science, serving 350+ students and featuring 30+ female scientists, which aims to increase attendees' interest in pursuing scientific careers
- Evaluated efficacy of programs through survey development and data collection and analysis; developed recommendations for increased program impact

EDUCATION

Bachelor of Science in Physics

Minor in Arabic Language

The College of New Jersey

GPA 3.896/4.0, Magna Cum Laude

2007 - 2011

Master of Science in Applied Urban Science and Informatics

Center for Urban Science and Progress

New York University

GPA: 3.928/4.0, Valedictorian

2013 - 2014