

# Maggie Pan

(732) 669-2538 | [maggie.pan@duke.edu](mailto:maggie.pan@duke.edu)

## EDUCATION

**Duke University**, *Trinity College of Arts and Sciences*  
B.A. Mathematics, Public Policy; **GPA:** 3.83/4.0

**Durham, NC**  
May 2022

**John P. Stevens High School**  
**GPA:** 3.94/4.0; **SAT:** [1530]; **ACT:** [35]

**Edison, NJ**  
June 2018

## PROFESSIONAL AND EXTRACURRICULAR EXPERIENCE

### NextEnergy

**Detroit, MI**

*Strategy Consultant and R&D Intern*

May 2019 - July 2019

- Researched and performed competitive analyses with select case studies on over 80 Michigan-based and national enterprises in the smart mobility and energy sectors
- Created extensive databases of over 700 Michigan cities and competitor organizations in Excel
- Analyzed data to create a list of target partner cities for a new smart city transition project proposal
- Performed outreach and conducted interviews with city managers and other leaders to identify city pain points and limitations in implementing smart mobility initiatives
- Presented observations, analyses, and final recommendations to NextEnergy executives, local organizations, and other DukeEngage fellows

### Alphonso Inc.

**Mountain View, CA**

*Data Analyst Intern*

July 2019 - August 2019

- Automated and customized the blacklist creation and update process for mobile app bundles using Python Requests, Matplotlib, and Pandas libraries with data from Beeswax, an RTB platform
- Learned about the web and mobile advertisements through a high-level business and engineering lens

### Capital One Summit for Developing Leaders

**McLean, VA**

*Competitor*

May 2019

- Attended workshops in design thinking and public speaking, guest presentations, and networking events
- Participated in a case competition in a team of 5 to design an educational product to help consumers make better financial decisions
- Presented our proposal to Capital One executives, employees, and other student summiteers
- Received 1<sup>st</sup> place amongst a total of 6 teams of 33 summiteers

### Scale and Coin Business Society

**Durham, NC**

*Philanthropy and New Member Education Chair*

November 2018 - Present

- Worked in teams to construct presentations including startup pitches, stock pitches, marketing pitches, and mock consulting cases in a six-week intensive training process
- Attended teach-ins hosted by members, alumni, and guest speakers in finance, consulting, and tech
- Organized fundraising and volunteering events to raise over \$600 in funds and donations to local nonprofits and hospitals within 4 months
- Trained a cohort of 25 underclassmen in developing business skills, industry knowledge, and community

## VOLUNTEERING EXPERIENCE

### STEM You Can!

**Clark, NJ**

*Director of NJ/NY Training and Camp Director*

March 2015 – Present

- Managed logistics for free science camps including microgrants, advertising, and communications
- Developed science lessons with science experiments to girls in grades 4-6 to increase interest in STEM
- Supervised and trained new volunteers and camp directors in the NJ/NY area

## SKILLS, CERTIFICATIONS & INTERESTS

**Skills and Languages:** Proficient in Microsoft Excel, Python; Conversational Mandarin, Beginner Russian

**Courses:** Proof-based Linear Algebra, Advanced Multivariable Calculus, Experimental Interface Design

**Interests:** Sustainability, Social Innovations, Product Design, Writing, Cooking, Rock Climbing, IM Tennis