

Houston Migdon

Present Address:

806 Castle Point Terrace
Stevens Institute of Technology
Hoboken, NJ 07030

Permanent Address:

1114th Ave
Bradley Beach, NJ 07720
908-675-1116
hmigdon@stevens.edu

OBJECTIVE: To secure a position with opportunities in the software engineering, machine learning, and finance industries

EDUCATION: **Stevens Institute of Technology**, Hoboken, NJ
Bachelor of Engineering in Software Engineering

WORK

Experience: **SMB Capital**, New York, NY
Algorithmic Equities Trader 5/18–8/18, 5/19–8-19

- Trained as both a discretionary and algorithmic trader in the same development program given to full time hires
- The first college student ever to trade live capital for the firm
- Developed skills in intraday and multi-day trading environments
- Built statistical models and consistently profitable automated trading algorithms

McKinsey & Company, New York, NY
Software Engineering and Enterprise Architecture Intern 1/17–5/17

- Built from the ground up a system for calculating technical debt incurred by the firm for C-level leadership which has become a core part of the architecture efforts within the Firm.
- Created detailed presentations and applications through automated data visualization tools such as Tableau, Alteryx, MEGA, and Jenkins

TD Ameritrade, Jersey City, NJ
Software Development Intern 9/17–12/17

- Built an API gateway system to detect firewalls and their permission levels throughout the company's network to ease software deployment/development process.
- Became a core member of the company's provisioning and infrastructure team.
- Leveraged Splunk to analyze crucial big data points around the company and build detailed reports based on the data.
- Participated in the company's nation-wide Thinkorswim challenge trading competition.

COURSEWORK: Modeling and Simulation, Data Structures, Discrete Mathematics, Economics, Individual Software Engineering, Probability & Statistics, Differential Equations, Programming, Agile Methods for Software Development, Calculus I-III, Engineering Design (I-V)

SKILLS: **Programming:** React, JSX, JavaScript, Python, C++, C, html, CSS, R, Swagger,
Software: CloudQuant, Data Visualization, Tableau, Alteryx, MEGA, Jenkins, MS Office, Excel, Word, PowerPoint, Splunk, Thinkorswim, Bloomberg terminal

LEADERSHIP EXPERIENCE: **Stevens Institute of Technology**, Hoboken, NJ
Student Government Association Vice President of Finance, Senator 10/15–2/18

- Ensuring that students can foster passions through over 110 student organizations
- Managed a \$1.2M annual budget as the Vice President of Finance

Stevens Institute of Technology, Hoboken, NJ
Running Club Founder and President 3/16–Present

- Created running club to provide every student of any fitness level with running groups
- Organized participants into groups by mileage and pace goals for that week at club meet-ups
- Recognized the need for a community network for passionate runners on campus and initiated a club to meet that need

ACTIVITIES: Student Government Association Vice President of Finance, Running Club Founder and President, Stevens Newspaper Editor, Stevens Institute of Technology Television Program Producer, Sigma Nu Fraternity (Lead Chairman), active day trader