**Houston Migdon**

**Present Address: Permanent Address:**

806 Castle Point Terrace 1114th Ave

Stevens Institute of Technology Bradley Beach, NJ 07720

Hoboken, NJ 07030 908-675-1116

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**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 Stevens Institute of Technology,** Hoboken, NJ

**EXPERIENCE:** 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

U.S. Citizen

Available to Work: June 2020