

# Neal Patel

COMPUTER SCIENCE · NCAA ATHLETE

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## Education

### New York University

GPA: 3.3/4.0

B.S IN COMPUTER SCIENCE | TANDON SCHOOL OF ENGINEERING

MINOR: GAME ENGINEERING, MATH, SUSTAINABLE URBAN ENVIRONMENTS, FINANCIAL RISK ENGINEERING

Aug 2019 - May 2022

#### NOTABLE COURSEWORK AND LANGUAGES

- Object Oriented Programming (C++), Game Engineering (OpenGL), Computer Architecture, Design and Analysis of Algorithms, Data Structures
- C++, OpenGL, Java, Python, Flask, CoffeeScript, Scala, SQL, NodeJS
- **Others:** Fusion 360, AutoCAD, Microsoft Office Suite, Arduino

## Experience

### Novus Partners

New York, NY

SOFTWARE ENGINEERING INTERN

July 2020 - December 2020

- Automated weekly reports and other financial modeling tools for hedge funds, investment managers, and other financial institutions.
- Engineered a flask based ETL Protocol for secure transfer of private client data between SFTPs and Amazon Simple Storage Service (S3)
- Tested and debugged releases and support tickets to the live Alpha platform with the Engineering and Data Analytics teams

### Math Finance Group | NYU Courant Institute of Math and Sciences

New York, NY

QUANTITATIVE TRADING TEAM – LEAD

Oct 2020 - Present

- Organize and direct teams to participate in student trading competitions
- Educated team on key concepts and practice in quantitative finance
- Organize lecture material and content for general meetings and weekly market newsletter

### South Asian Americans in Public Service

Cambridge, MA

SUMMER FELLOW

May 2020 - July 2020

- Participated in 10 week fellowship focused on South Asian American students involvement in government
- Began project for online database using SQL for South Asian civic outreach and networking

### Department of Outreach | Raja Krishnamoorthi for Congress

Schaumburg, IL

INTERN

Oct 2015 - Nov 2016

- Interned in Rep. Krishnamoorthi's main campaign office in Schaumburg, Illinois
- Reached over 2,000 South Asian families within the district to register to vote and improve overall efficacy among the community
- Phonebanked to eligible voters in the district

## Extracurricular Activity

### NYU NCAA Fencing

New York, NY

ATHLETE

Aug 2019 - Present

- Fence in 7 yearly meets throughout the Division 1 season
- Commit to practice on campus and with Fencer's Club Inc.

### NYU Model United Nations

New York, NY

TRAVEL TEAM MEMBER

Sep. 2019 - Present

- Participate in numerous collegiate Model United Nations conferences across the U.S
- Staff Chicago International Model United Nations Conference
- Staff EmpireMUNC High School Conference and NYUMUNC Collegiate Conference

### NYU Memes 'for Slightly Bankrupt Teens'/Overheard at NYU

New York, NY

MODERATOR | INSTAGRAM.COM/NYUMFSBT | FB.COM/GROUPS/NYUMEMES

March 2020 - Present

- Moderate NYUMFSBT on Facebook and Instagram, with 18,800 followers and group members, the largest recorded NYU student following.
- Correspond with Student Groups and administrative bodies to push information, events, and announcements to the NYU community
- Started CS @ NYU, a discord server hosting students, faculty, and alumni between all 4 of NYU's campuses throughout the world (Shanghai, Abu Dhabi, Brooklyn, and Manhattan) of 2,000.

- **Spoken Languages:** Illinois State Seal of Bilingualism in Spanish || Native fluency in Gujarati, American English
- **Other Experiences and interests:** Stand-up Comedy, OSIRIS Cybersecurity Lab (CTF), Society of Asian Scientists and Engineers, Scouting (Eagle Scout NEIC), Quantitative Trading, Sustainability, eSports management
- **Hobbies:** Jazz (Clarinet, Saxophone), Civics, Photography, Diabolo Performance, eSports