

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

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 - Present

- Automated weekly reports and other financial modeling tools for hedgefunds, investment managers, and other financial institutions.
- Completed a python and flask based ETL Protocol for moving private financial data from hedge funds and other clients to an AWS bucket
- Tested and debugged releases and support tickets to the live Alpha platform with the Engineering and Data Analytics teams

Xephyr Consulting

New York, NY

CO-FOUNDER, JUNIOR PARTNER

March 2020 - Present

- Co-founded Xephyr Consulting, dedicated to digital solutions for political campaigns, organizations, and small businesses
- Built websites using NodeJS for clients to adapt to the growing, digital 'quarantine market'
- Publish weekly, free resources for students and entrepreneurs to learn more about personal finance and the growing financial technology sector

Zones LLC Integration Labs

Carol Stream, IL

IT SPECIALIST

June 2020

- Provisioned iPads for the NYC Department of Education using a Python 3.0 based platform
- Organized quality control mechanics and practice for the shift

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

Boy Scouts of America | Scouts BSA

Buffalo Grove, IL

EAGLE SCOUT

Oct 2011 - Oct 2019

- Delegated Troop 100 to the Northeast Illinois Council Order of the Arrow
- Dedicated Eagle Project to harvesting 18 million native species seedlings to restore Lake County wetlands.

- **Hobbies:** Jazz (Clarinet, Saxophone), e-sports, AAPI in Civics, Diabolo
- **Spoken Languages:** Illinois State Seal of Bilingualism in Spanish || Native fluency in Gujarati, American English
- **Other Experiences and interests:** OSIRIS Cybersecurity Lab, Society of Asian Scientists and Engineers, Quantitative Finance (Derivatives Trading), Sustainability Initiatives, eSports