

# Neil Purohit

## Summary

I am a high school student with a strong interest in data science and its applications in the real world. Having experience with data analytics in a business-intelligence environment, I hope to use my skills to make an impact on both consumers and businesses.

## Education

**Lake Forest High School:** Class of 2024, National Honors Society **GPA:** 5.18/5.00

**AP Courses Completed (Score):** AP Computer Science A (5), AP Calculus BC (5), AP Calculus AB (5), AP Physics 1 (4), AP Seminar (4), AP U.S. History (4), AP English Language (4)

**AP Courses in Progress:** AP Physics C, AP Economics, AP Spanish

## Portfolio Links

- Github: <https://github.com/NeilP06>
- Replit: <https://replit.com/@neilpurohit06>

## Technical Skills

**Java, Data Structures, & Data Algorithms** (10<sup>th</sup> Grade - Present; 7 hours/week)

- Developed a strong foundation of Java fundamentals, data structures, and data algorithms through the Lake Forest High School computer science curriculum.

**SQL, Data Analytics, & Data Visualizations** (Summer Rising 12<sup>th</sup> Grade; 40 hours/week)

- Through thorough training and experimentation throughout the Summer Worker internship program, I learned how to use raw data models in SQL and analyze them to gain new insights through dashboards.

**Python & Front-End Development** (9<sup>th</sup> Grade; 2 hour/week; 15 weeks)

- Studied Python, Javascript, and HTML/CSS using an online course and built up a solid understanding of both.

## Programming Experience

**AbbVie Inc., Summer Worker Intern** (Summer Rising 12<sup>th</sup> Grade; 40 hours/week; 10 weeks)

- Developed an understanding of data analytics and dashboard visualizations in a business environment.
- Improved collaboration skills and networking with colleagues in a professional environment.
- Grew an understanding of database management, including SQL, Qlik Sense, and SQLWorkbench.

**Fidelis Corporation, Intern** (Summer Rising 11<sup>th</sup> Grade; 3 hours/week; 12 weeks)

- Worked on a data analytics project on the organization's sales metrics.

**FuturePearStudios, Co-Founder & Developer** (11<sup>th</sup> Grade - Present; 5 hours/week; 16 weeks)

- Co-founded a game development studio that focuses on the development of interactive online website games, which earns four figures in revenue annually and attracted 3000+ monthly users.
- Developed fundamental knowledge of game development through experimentation before releasing games to the public.
- Learned how to manage teams of developers and guide them to meet demands for game requirements.
- Website link: <http://www.futurepearstudios.co/>

**Lake Forest High School Computer Science** (10<sup>th</sup> Grade - 11<sup>th</sup> Grade; 7 hours/week)

- Developed more independent programming skills as many of the projects and assessments presented in class followed independent-based experimenting and research, such as a terminal-based adventure game or a Photoshop editor that manually edits the pixels to apply effects.

## Volunteering Experience

### **Prospective Programming, Founder** (11<sup>th</sup> Grade - Present; 5 hours/week; 18 weeks)

- Founded a 501(c)(3) not-for-profit foundation that focuses on teaching computer science fundamentals to underprivileged students in less recognized countries.
- Built an understanding of how to develop prototypes and gain user feedback before public release.

### **Junior American India Foundation, VP of Corporate Fundraising** (2017 - Present)

- ***"Run for Resilience", Mental Health in Teenagers Fundraiser (Jan 2023 - Present)***
  - Led the corporate fundraising team to secure significant corporate donations towards the events.
  - Developed and helped improve aspects of the events themselves, being reflected in the fundraiser.
- ***"Rung Mela", Digital Equalizer Fundraiser (Jan 2022 - Dec 2022)***
  - Coordinated and led an in-person fundraising event that raised over \$30,000 to support five learning centers, each hosting over 1,000 underprivileged girls.
  - Supported registration in a gala hosted by America Indian Foundation that raised over \$1M in the Field Museum in Chicago, IL.
- ***"LAMP" Program Fundraiser (Jan 2020 - Dec 2021)***
  - Coordinated and led two online fundraisers to raise funds for children of migrant workers in India impacted by COVID-19.
  - Led a team of high schoolers for the COVID-19 relief mission in 2021, which gave medical equipment to underprivileged communities in aid of the COVID-19 pandemic.
- ***"Digital Equalizer" Program (Jan 2019 - Dec 2019)***
  - Traveled to India in 2019 to support the Digital Equalizer program, which gives underprivileged children access to modern technology such as computers.

### **Bernie's Book Bank** (2nd Semester 11<sup>th</sup> Grade; 3 hours/week, 10 weeks)

- Assisted in processing books to give to underprivileged students in the Chicagoland area, done through sorting, packaging, and damage control inspection.

### **Lake Forest High School Peer Tutor** (2nd Semester 11<sup>th</sup> Grade; 2 hours/week, 20 weeks)

- Assists high-school freshmen and sophomores in a wide range of mathematical topics.

## Awards

- **Jr. American India Foundation - Jr. AIF Board Award** (6<sup>th</sup> Grade to 11<sup>th</sup> Grade)
- **Illinois State Math Competition - Eight-Person 6th Place** (11<sup>th</sup> Grade)
- **AP Scholar with Distinction** (11<sup>th</sup> Grade)
- **North Suburban Math League - Meet #2 2nd Place** (11<sup>th</sup> Grade)
- **Junior Varsity Soccer - Captain** (10<sup>th</sup> Grade)
- **Junior Varsity Soccer - Most Improved Offensive Player** (11<sup>th</sup> Grade)