Neil Purohit

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EDUCATION

Carnegie Mellon University   **Pittsburgh, Pennsylvania**
B.S. in Statistics & Machine Learning   *Expected Graduation, May 2028*
Lake Forest High School   **Lake Forest, Illinois**
High School Diploma   *August 2020 - June 2024*
- o   **GPA:** 5.23/5.00, *Cum Laude Society*
- o   **Related Coursework:** AP Computer Science A, Data Structures and Algorithms for Java, CS 331: Data Structures and Algorithms for Python (Illinois Institute of Technology), AP Calculus BC, Multivariable Calculus, Linear Algebra

EXPERIENCE

AbbVie Inc.   **North Chicago, Illinois**
Data & Analytics Summer Intern   *June 2023 – Aug 2023*
- Created SQL scripts with SQLWorkbench and AWS Redshift to merge existing submodels, cleanse old data from legacy models, optimize data loading times, and prevent data loading errors.
- Used Qlik Sense by developing dashboards and data visualizations to provide valuable insights and real-time metrics for business intelligence teams.
- Reorganized data models by matching existing data points from separate submodels with unique identifiers to allow for more advanced data insights when used by other DnA teams.

Fidelis Corporation   **Deerfield, Illinois**
IT Intern   *June 2022 – August 2022*
- Utilized MS Excel and past sales data to create an independent data analytics project on sales metrics in international markets outside North America.
- Used the newfound insights from the visualizations inside the project and advocated for more sales in certain regions in India, helping increase consulting sales by 5%.

PROJECTS

ProspectiveProgramming   **Lake Forest, Illinois**
Founder   *March 2023 – Present*
- Created an educational coding platform with React.js, Supabase, Node.js, and Clerk (user authentication) to publish self-written computer science guides and topics online. Amassed 500+ users on the platform.
- Wrote a Java curriculum with 10 lessons and 10 practice problems that cover the fundamentals of data types, methods, and syntax. Incorporated OpenAI to give hints for each of these lessons and problems.

FuturePearStudios   **Lake Forest, Illinois**
Co-Founder, Developer   *Feb 2023 – Present*
- Co-founded a game development studio that develops interactive online video games, earning over $1,000 annually and fostering a user base of 10,000+ players.
- Built video games by writing the game logic and front end with Javascript and the back end with Node.js and MongoDB.

ACTIVITIES AND LEADERSHIP

Junior American India Foundation   **Chicago, Illinois**
Vice President of Corporate Fundraising   *Aug 2017 – August 2023*
- Led corporate fundraising team and raised $38,000+ in corporate and personal donations to provide mental health services for 1,900 underprivileged schoolgirls in India.
- Planned event fundraisers to raise donations for various human rights and socioeconomic issues in underprivileged communities for 6 years, helping raise over $100,000.

SKILLS

Programming: Python, Java, MySQL, Javascript, React.js, React Native, Node.js, HTML/CSS
Tools: MERN, SQLWorkbench, AWS Redshift, Qlik Sense, MS Excel, Supabase, Google Cloud, OpenAI, Tensorflow, Git, Vercel, XCode