Eric Polanski

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EDUCATION

Northwestern University   September 2023 – December 2025
Bachelor of Science, Computer Science   *GPA 3.2/4.0*
Extracurricular Activities: Computer Science Advisory Council Member, Computer Science Peer Mentor
College of Lake County   August 2021 – July 2023
Completed 56 credits towards bachelor's degree   *GPA 3.9/4.0*
Honors & Scholars Student
Extracurricular Activities: Student Government President, Chess Club Founder, Phi Theta Kappa Honors Society Member, Governance Coordinating Council Member, Student Success Council Member

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SKILLS

Programming: Python, R, C++, C, Java, JavaScript, CSS
Computer: Excel, Word, PowerPoint
Languages: English, Polish

EXPERIENCE

AbbVie – North Chicago, IL   June 2024 – August 2024
Bioinformatics Intern
- Developed a pipeline to create gene regulatory networks using single-cell RNA-seq & ATAC-seq data
- Modified analysis algorithms which helped find key information over 25% more accurately.
- Created and hosted databases to communicate previous group analysis.

AbbVie – North Chicago, IL   June 2023 – August 2023
Bioinformatics Intern
- Built a script to automate the visualization of genomic data on servers.
- Improved efficiency of adding data to proprietary software by 90%.
- Demonstrated strong problem-solving skills by addressing technical challenges related to data integration, formatting, and visualization compatibility.

College of Lake County   September 2021 – May 2023
Public Relations and Marketing Student Worker
- Maintain the college website using content creation tools, management tools, and digital media.
- Resolved over 700 requests from college employees desiring various web updates.
- Conducted assessments of code to verify its validity, appropriate structure, adherence to industry standards, and compatibility with browsers, devices, and operating systems.
- Recipient of 2022 College of Lake County Purpose Award

PROJECTS

COMP_SCI 338 – Evanston, IL   January 2025 – March 2023
Teddy Talk: Utilized OpenAI models to create a teddy bear which uses AI to converse with a child.
COMP_SCI 330 – Evanston, IL   September 2024 – December 2024
Walkies: Designed a user interface for a mobile app to connect with students.
DSGN 106 – Evanston, IL   January 2024 – May 2024
Lumi-Ride: Created a wheelchair illumination device to improve the ability of cerebral palsy patients with impaired dexterity to navigate in a motorized wheelchair.
FrostGuard: Modified a chicken coop to reduce freezing in the chicken drinking system.