

Rohan Rajasekhara Patil

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Education

Novi High School (Sept 2021)

- Relevant Coursework: Calculus AB (Calculus 1), Calculus BC (Calculus II), AP Computer Science
- Weighted GPA: 4.5+
- ACT Score : 36/36

Washtenaw Community College (Sept 2023)

- Relevant Coursework: Calculus III (Multivariable Calculus)
- GPA: 4.0

Additional

- AP Calculus AB Score : 5/5
- AP Calculus BC Score: 5/5
- AP Chemistry : 5/5
- AP Biology : 5/5
- AP United States History: 5/5
- AP Microeconomics: 5/5
- AP Macroeconomics: 5/5
- AP Physics C Mechanics: 5/5
- AP Computer Science: 5/5
- AP Macroeconomics: 5/5

Experience

DECA (September 2021 - March 2024)

Financial Services Team Decision Making International Finalist (Top 20) and Novi Mentor

- Understood the source and purpose of financial statements
- Understood the impact of management decisions on statements
- Utilized Analysis and interpretation of data for planning purposes.
- Emphasized Presentation Skills

Health Occupations Students of America (September 2021 - March 2024)

4th Place in Creative Problem Solving

- Prepared a lesson for a targeted group of learners
- Provided instruction to an international audience
- Possess Strong Critical Thinking, Problem Solving and Creative Thinking Skills

Modeling The Future Challenge (November 2023 - January 2024)

National Semifinalist

- Made use of math-modeling
- Made use of data-analysis
- Made use of risk-management

Business Professionals Of America (September 2023 - January 2024)

National Competitors

- Used analytical and problem solving skills to make decisions and recommendations using financial reports, both internal and external.
- Analyzed and interpreted reports from a business case study.

Wharton Global Youth Challenge(October 2023 - December 2023)

Novi Finance Falcons Founder

- Learned strategy-building, teamwork, communication, risk, diversification, company and industry analysis, and many other aspects of investing.

International Public Policy Forum (October 2023 - December 2023)

Top 64 Competitor

- Engaged in written and oral debates on issues of public policy.
- Studied the effects of a Universal Basic Income on the economy and its subsequent social effect

Novi High School Debate Club (September 2021 - March 2024)

Novi High School Debate Club President

- Won best speaker for the county
- Developed excellent oral and written communication skills
- Developed effective tools for research, organization and presentation
- Developed website to post debate club information and hosted on cloud-based services with password access to all required members.
- Organized and Participated in Podcast with State Representatives

The Future Business Leaders of America (February 2023 - March 2024)

Novi Future Business Leaders of America Vice-President Of Outreach

- Coded a multifunction Python Database application
- Used NoSql Database, specifically MongoDB
- Coded using Custom Tkinter for User Interface

HeadStarter Fellowship (June 2024 - September 2024)

Fellow At HeadStarter

- Built 5+ AI apps & APIs using OpenAI, Pinecone, StripeAPI with 98% accuracy as seen by 100+ users.
- Coached by Amazon, Citadel and Bloomberg engineers

AI Research (February 2024- Present)

AI Researcher Under Ph.ds Andy Chung, Celine Lee, Sean O'brien

- Studying and Learning about ML Systems and LLMs from Berkeley Lecturer (Kevin Zhu)
- Reading 50+ papers on ML and LLMs
- Conducting Experiments on LLMs and Neural Networks

Policy Matters Incorporated(March 2024- Present)

Grant Associate

- Negotiated 5+ grants for the organization.
- Helped bring in ~200\$ a week.
- Impacted 500+ members.

Building-U(June 2023 - September 2024)

Coding Team Intern Over the Summers

- Developed Website using Laravel, PHP, React, Angular, HTML, CSS, Bootstrap, WordPress, and SASS with a coding team.

Outlier (November 2024 - Present)

AI Specialist in Finance and English

- Design, optimize, and deploy cutting-edge AI models in English and finance, driving impactful, ethical solutions in Generative AI.

Athletics

Novi High School Swim and Dive Team (September 2021 - March 2024)

Novi Swim and Dive Varsity Captain and Member, KLAA Conference Finalist (Top 24) for 3 years

- Showcased Hard Work, Consistency, and Teamwork skills.
- KLAA Conference Student Athlete of the Year

Community Service

Detroit Education Society (June 2023 - August 2023)

Python Coding Tutor

- Prepared Course Materials
- Taught Coding Language To A Multitude of Students

Brilliant Detroit (June 2023 - August 2023)

English Tutor

- Prepared Course Materials
- Taught Detroit Children Age 0-8 in High Need Neighborhoods

Volunteering Together for Service(VTSEVA) (June 2018- March 2024)

National Executive President Nominee (More than 75,000 Active Members) and Detroit Youthboard

Co-Founder

- Fundraised and Provided education to underprivileged and blind children
- Marketed Events, Edited Videos, and Led Teams To Assist Impoverished Detroit Neighborhoods
- Spread awareness about being environmentally friendly and protected our earth