

# Jonathan Wylie

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## Education

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**University of Michigan - College of Engineering**  
*BS in Computer Science*

*Sept 2024 -*

- GPA: 4.0/4.0 - Dean's Honor List
- Currently enrolled as a second-year student with 79 credits to date; junior year status

**Salem High School**

*Sept 2020 - May 2024*

- GPA: 4.48/4.0
- Awarded International Baccalaureate diploma
- Completed four AP exams and four IB Higher Level exams

## Projects

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**F1 AI Radio Analyzer and Lap Visualizer**

[f1-pitwall.vercel.app](https://f1-pitwall.vercel.app) 

- A 2-in-1 tool that uses a custom LLM and React graphics to provide unique insight on Formula 1 races.
- Tools Used: React, Python, HuggingFace, FastAPI

**Blackjack and Card Counting Trainer**

[Github Repo](#) 

- A Blackjack simulator that trains decision-making and card-counting, offering real-time feedback and Monte Carlo-based true count tracking.
- Tools Used: C++, SFML (C++ Library)

**Virtual Card Trading Platform**

[pacybase.fly.dev](https://pacybase.fly.dev) 

- A full stack website for users to post and filter trade requests for virtual trading card platform Madfut
- Tools Used: JavaScript, node.js, MongoDB, HTML

## Extra-Curricular Activities and Volunteer Work

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- Active member in Hellenic Student Association, Michigan Hackers Club, IM sports (soccer, basketball)
- Liverpool International Academy Club Soccer (7 years)
  - Traveled to UK (Liverpool, Manchester, London, Wales) for soccer training and matches
  - Competed at National League PRO and Elite 64 national divisions
- Hellenic Cultural Dance since 2017 - Boys Greek dance group leader
- Volunteered over 100 hours at PARClife, a summer camp for teens and young adults with autism
- Special Olympics volunteer (soccer, track)

## Honors and Awards

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- Regents Merit Scholarship and National Merit Scholarship Recipient
- U.S. House of Representatives' Volunteer of the Year (2024)
- National Honor Society (2022-24)
- 2023 AP Scholar, Scholar Athlete (2021-2023)

## Technologies

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**Languages:** C++, JavaScript, HTML, CSS

**Technologies:** VS Code, Git, MongoDB