

John O'Meara

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Dedicated, driven, and determined high school student in the greater Seattle area with 4+ years of experience in data science and machine learning. Successfully deployed software used by thousands.

EDUCATION

Issaquah High School

September 2022 — Present

Cumulative GPA: 3.99/4.00, 6 APs (Advanced Placement College Level Classes)

Relevant Coursework Completed: AP Computer Science A, AP Chemistry, AP Calculus AB, AP Environmental Science, AP Human Geography, AP Psychology

Leadership Positions: Social Media Manager @ Code Club, Treasurer @ Chemistry Club

EXPERIENCE

Skyhouse

August 2022 — June 2023

- Founded Skyhouse, which my team and I collaboratively built as a Minecraft tool and website to assist users with in-game tasks like auction flipping.
- Backend made with Python, Frontend made with VueJS
- Grew a social community with **2,000+ users**
- Increased partner server's member count by **10,000+ members**
- Sold access to premium monthly subscription, **with revenue over \$5,000.**

CEO @ Extracurriculars.org

December 2023 — Present

- Co-founded and developed extracurriculars.org, a non profit that connects underserved high school youth to life-changing extracurricular opportunities.
- Utilized large language models for automatic web scraping into JSON format.
- **Site used by thousands of students globally.**

Teacher's Assistant (TA) @ Smart Coding School

July 2021 — July 2023

- Coached students in college level Python and Java programming classes.
- Worked closely with instructors to evaluate performance.

PERSONAL/TEAM PROJECTS

BlackwellGPT — Health Assistant



April 2023 — December 2023

- Developed AI language model using Meta's Llama2 fine-tuned on a medical dataset to aid in basic health requests.
- Built a vision model that generates radiology reports to improve medical analysis access.
- **Team awarded 3rd place in Congressional App Challenge**

SATShark — SAT Preparation Game



February 2024 — Present

- Collaboratively built a live game to make studying for the SAT less boring.
- Utilized socket.io, vue, tailwind, allowing for real-time gameplay and communication.
- **Team won 1st place in HackPNW Hackathon, hosted by Northeastern University Seattle.**

SKILLS

Technical Skills: Java, Python, Scikit-Learn, XGBoost, Keras, Transformers, JS, Vue, Kotlin

Languages: Fluent in English, Professionally Conversational in Spanish

References:

David Liu — qa@smartcodingschool.com, (206) 787-2259 — Founder and manager of Smart Coding School