

# Jonathan Eveillard

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Nationality - American

## EDUCATION

### Carleton University

Ottawa, ON, Canada

*Bachelor of Science in Computer Science, Minor in Business*

*Expected May 2028*

- **Coursework:** Data Structures, Discrete Structures, Calculus I, Linear Algebra, Intro to Computer Science I, Intro to Computer Science II
- **Awards:** Carleton University Faculty Scholarship (\$8,000)
- **Affiliations:** ColorStack [Member] (2024-Present) – Carleton Systems and Computer Engineering Society [Director] (2024-Present) – Carleton Planetary Robotics Society [Member] (2024-Present) – Carleton Blackbird UAV Team [Member] (2024-Present)
- **Ongoing Skill Development:** Learning Rag applications with Langchain — Learning React Native and Swift

## EXPERIENCE

### Software Engineering Fellow

Jul. 2024 – Present

*Headstarter AI*

*Remote, USA*

- Engineered 5+ diverse AI applications and APIs utilizing Next.js, OpenAI, Pinecone.
- Led a team of 4 engineering fellows in developing and deploying 3 projects using MVC design patterns.
- Implemented Agile methodologies, CI/CD pipelines, and microservice patterns under the mentorship of Amazon, Microsoft, Bloomberg, and Capital One engineers, improving project efficiency.

### Technical Manager & Assistant Social

June. 2024 – Present

*Carleton University – Carleton System and Computer Engineering Society*

*Ottawa, ON*

- Assisted, maintained and troubleshooted technical issues such as hardware and software brought by members, and staff.
- Organized and conducted workshops, hackathons, and coding sessions, fostering skill development and innovation within the society.
- Played a key role in strategic planning, contributing to the society's mission of promoting excellence in Computer Engineering.

## PROJECTS

### Stulligent | NextJs, Tailwindcss, Python

- Wait-list of 100+ users within the first month of launch.
- Integrated OpenAI GPT model to power the natural language processing
- Conducted user testing and feedback sessions, resulting in a 15% improvement in user satisfaction and 10% reduction in response time.

### EchoGPT | NextJs, Tailwindcss, Firebase, Python, JavaScript

- Utilized Firebase for real time database management, authentication, cloud storage and streamline data handling, enhancing overall application performance.

### Maxtra | In progress - Startup

- Aim to simplify communication between developers by including in-built file conversion and management using Firebase, MongoDB and Google Gemini as base models.
- Rich code editor and collaboration which allows users to write and share code snippets with syntax highlighting and code formatting in real time.
- Integrate learning modules which will offer tutorials or on-boarding modules for new developers to get up to speed with tools and best practices.

## TECHNICAL SKILLS

**Languages:** Python, Java, C/C++, HTML/CSS, Javascript, Typescript

**Frameworks:** NextJs, Tailwind, React, Material-UI, Aceternity-UI, shadcn-UI

**Developer Tools:** Git, Unix, MongoDB, Firebase, Vercel

**Concepts:** Machine Learning, Artificial Intelligence, Software Engineering, Front-end, Back-end, Agile Methodologies

**Libraries & APIs:** React, OpenAI API, Material UI, Shadcn UI, Aceternity UI