

**Maksim Vasilyeu**

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**Education****Rutgers, School of Arts and Sciences, New Brunswick**

*Bachelor of Science in Computer Science*

Expected Graduation: 2025

**Hanover Park High School**

Graduated: June 2021

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**Experience****Fellowship Participant | Headstarter Fellowship**

*July 22 - August 25, 2024*

- **Personal Website (Solo Project)**  
Developed a personal website using HTML and CSS, and configured DNS settings.
- **Pantry Tracker (Solo Project)**  
Built a pantry inventory tracker using ReactJS, NextJS, and Firebase.
- **AI Customer Support (Team Project)**  
Created an AI-powered customer support system using OpenAI, NextJS, and AWS.
- **AI Flashcards & Stripe (Team Project)**  
Developed an AI flashcard application with Stripe payment integration using OpenAI, Auth, and StripeAPI.
- **AI Rate My Professor (Team Project)**  
Built a professor rating system using AI with RAG, OpenAI, and vector databases.

**High School Projects**

- Developed a 2D slasher game for a charity event using Greenfoot, a Java-based game development engine.

**College Projects**

- Created a simple database and an app that simulates a Linux Shell.
- Performed various operations on data in CSV and JSON formats.
- Developed a compiler for a custom programming language.
- Built a Boolean satisfiability solver for OCaml.

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## **Skills**

- **Programming Languages:** 4 years of experience with Java; 1-2 years of experience with C, Python, and C#; Familiar with C++, HTML, CSS, and MySQL.
- **Tools and Environments:** Windows PowerShell, Ubuntu Terminal.
- **Additional Knowledge:** Data Analysis, Algorithms.
- **Languages:** Fluent in English and Russian.