

Joshua Brunscheen

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Computer Science, Information Technology and Web Science dual major at RPI seeking a summer internship. Open to geographic opportunities and can work remotely.

Education:

Rensselaer Polytechnic Institute | Troy, NY

May 2026

- Relevant Coursework: CS 1, Data Structures, Intro. to IT and Web Science, IT and Society, Multivariable Calculus, and Intro. to Linear Algebra
- GPA: 4.00 / 4.00

Kaneland High School | Maple Park, IL

May 2022

- Salutatorian | GPA: 3.98 / 4.00 (unweighted)
- AP Computer Science A Exam: 5 / 5 (Java based exam) | SAT Math: 770 / 800

Skills:

- C++, Python, Java, HTML, CSS, JavaScript, Figma, Azure, SQL, PHP, GitHub (github.com/josh-brunscheen)
- R: Worked with over 3 million rows of data for analyzing lakes and climate change

Projects:

Hockey Game Statistic Organizer

Jan 2023

- Organized 7500+ rows of hockey game data for a Data Structures project using C++
- Designed two classes using object oriented programming to create an algorithm that sorts the data based on given commands (i.e. by players, by teams, or by penalties)

Dynamic Windows Wallpaper

Oct 2022

- Used Python and the OpenWeather API to create a wallpaper that changes according to the weather, reads notes from a file, and displays custom emojis
- <https://github.com/josh-brunscheen/dynamic-laptop-wallpaper>

Activities:

Coding and Community

September 2022 - Current

- In an effort to diminish racial and gender gaps in the Computer Science field, taught Python and Java to kids in middle and high school in the STEP program at RPI
- Helped organize a coding program for Black Families Technology Awareness day at RPI using [Scratch.mit.edu](https://scratch.mit.edu)

Math Tutor

Nov 2020 - Current

- During the pandemic, networked with teachers at school and assisted students who struggled with math when school was remote
- Increased the grades of a student who met weekly to well above a passing grade