

Griffin DesRoches

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EDUCATION

University of Massachusetts Amherst

B.S. in Mathematics (Statistics Concentration), Minor in Computer Science. GPA 4.0

Amherst, MA

Exp. May 2029

Cambridge Rindge & Latin School

GPA: 3.8, SAT: 1480. Courses: Multivariable Calculus, Java, Python, Web Design & Development

Cambridge, MA

Exp. May 2025

EXPERIENCE

Research Assistant

Dana Farber Cancer Institute

Feb 2025 – Jun 2025

Boston, MA

- [illegible]

Software Engineering Intern

Innovators for purpose

Jul 2023 – Nov 2023

Cambridge, MA

- Contributed **1500** lines of Sqlize code to an established codebase via **Git** and **Github**
- Developed a complete full stack quiz application, utilizing principles of MVC software and database programming
- Became familiar with programming in a team environment and analyzing others contributions through **Github**

Information Technology intern

City of Somerville City Hall

Jun 2024 – Sep 2024

Somerville, MA

- **Installed** dozens of high-quality workstations with VPN access in the departments of HR, Finance, and Housing
- **Safely** disposed of Hundreds of Hard Drives and Ram Sticks on public sector computers in equipment overhaul
- Worked **On call** for technical support for Public Sector employees within the city

Teaching Assistant

Cambridge Public Schools

Sep. 2024 – Present

Cambridge, MA

- Student TA for AP Physics 1 course, **assisting** students in **developing** physics knowledge by holding ~ 3 hours of **office hours** weekly; aiding lead teachers in grading with respect to College board rubrics; **incorporating** new Fluid Mechanics unit into the curriculum for the first year.

INVOLVEMENT

Volunteer Head coach

Cambridge Youth Baseball

Apr. 2021 — Present

Cambridge, MA

- **Tutoring** a cohort of around 15 under 12-year-old kids in their baseball endeavors
- Serving as the head coach to multiple teams throughout North Cambridge youth baseball; **leading** their practices
- Assisted Major Cubs team in winning their first Mayor's Cup in 2024 by developing two new pitchers

SKILLS

Languages: Java, R, Python, JavaScript, HTML/CSS

Frameworks / Tools / OS: Node.js, Express, Git, VS Code, Visual Studio, PyCharm, IntelliJ, Unix Shell, Vim/Neovim. Windows, Mac OS. Linux (Ubuntu, Mint)

Data Science / ML: Pandas, NumPy, SuperLearner, Shiny

Spoken Languages: English (Native), Spanish (Intermediate), Romanian (Beginner)

RELEVANT TECHNICAL COURSEWORK

- AP Computer Science A
- AP Statistics
- AP Computer Science: Principles
- Multi-variable Calculus
- Calculus I
- AP Physics 1
- AP Physics 2
- AP Physics C: Mechanics
- Web Design & Development
- AP Calculus BC (Self Study)