Milton Vento

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EDUCATION

Williams College   Williamstown, MA
Bachelor of Arts in Computer Science | **GPA**: 3.80   *Expected: Jun 2026*
Relevant Coursework: Deep Learning, Algorithms, Data Structures & Advanced Programming, Computer Organization, Discrete Math, Data Science & Computing, Multivariable Calculus
Honors & Awards: Dean's List

SKILLS & CERTIFICATIONS

Languages: Python | JavaScript |TypeScript | Java | Swift | HTML | CSS | Linux | Visual Basic | R | C
Frameworks & Technologies: React | Django | Express.js | Firebase | Postgres | Bootstrap | Microsoft Azure | Fusion360 | Pytorch
Certifications and Awards: **CodePath** Advanced Data Structures and Algorithms | **CodePath** Intermediate Web Development
Achievements: **Microsoft Certified: Azure Fundamentals** | 3rd Position **Purdue Data 4 Good** National Case Competition

WORK EXPERIENCE

Full Stack Software Engineering Intern | ENSCO Rail   *Jun 2024 - Current*
- Reduced loading time of an internal web application by 50% through transforming it from HTML and Python to React and TypeScript.
- Developed advanced data visualization tools using Visx and Plotly.js, enhancing efficiency in analyzing and interpreting large, real-time sensor data by 90%.

Software Engineering Intern | KLEAR Inc   *Jan 2024 - Feb 2024*
- Designed and prototyped a card payments infrastructure for Kountable's flagship product using Python and Stripe's API, projected to handle 5+ million in annual volume.
- Developed an approved compliance plan for Kountable's existing customers, based on thorough research of leading financial platforms.

Computer Science Teaching Assistant | Williams College   *Sep 2023 - May 2024*
- Helped 50+ students enrolled in Introductory Python Course (CSCI 104) by conducting weekly lab sessions and mentorship
- Quickly identified problem spots and logical flaws in 50+ student programs and encouraged appropriate solutions.

PROJECTS

FlavorFinder | React, Express, Firebase, ChatGPT API | Github   *June 2024*
- Collaborated with a team of 5 to develop a recipe app with a React frontend and Express.js backend, utilizing the Edamam API for data retrieval and Firebase authentication for secure login.
- Developed a chatbot using the OpenAI ChatGPT API, potentially enhancing user support and engagement by 40%

Conference Rooms Booking System | Project Manager | React, Django | Github   *2023 - 2024*
- Reduced over 50% customer back-and-forth calls and visits by developing and deploying a full-stack online room booking system for a conference center using React.js and the Django REST framework.
- Led a team of 8 as the Project Manager, ensuring timely completion of several features such as automated emails, Google Calendar integration, catering, and automatic PDF generation.

EduAccess Mobile App | Html, CSS, JavaScript, Cordova | Github   *2021 - 2022*
- Supported 55+ high school students with access to essential learning resources by developing an Android educational app using HTML, CSS, and the Cordova Ionic framework.
- Enabled offline access to over 1,500 notes and worksheets by integrating Cordova offline file storage and PDF viewer plugin.
- Enhancing the app with Flutter to achieve cross-platform capability, consistent UI, and improved efficiency.

LEADERSHIP & COMMUNITY ENGAGEMENT

ColorStack at Williams Chapter founding Co-President | EphBytes Programs Manager | 2023 International Orientation Leader