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 | Bootstrap | Microsoft Azure | Fusion360 | Pytorch
Certifications and Awards: **CodePath** Advanced Data Structures and Algorithms | **CodePath** Intermediate Web Development |
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***
- Transformed an internal web application from HTML and Python to React and TypeScript, reducing loading time by over 50%.
- Developed advanced data visualization tools using Visx and Plotly.js, enhancing efficiency in analyzing and interpreting large datasets.

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***
- Ran weekly study sessions attended by 50+ students enrolled in Introductory Python Course (CSCI 104).
- Quickly identified problem spots and logical flaws in student programs and encourage 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, enhancing user support and engagement.

Conference Rooms Booking System | Project Manager | React, Django | Github   ***2023 - 2024***
- Led a team of 8 to develop and deploy a full-stack room booking system for a conference center using React.js and Django REST framework, reducing customer back-and-forth calls and visits, and incorporating features like email, calendar, catering, and automatic PDF generation.

EduAccess Mobile App | Html, CSS, JavaScript, Cordova | Github   ***2021 - Present***
- Developed an Android educational app using HTML, CSS, and the Cordova Ionic platform, providing 55+ high school students with offline access to essential learning resources during the COVID-19 pandemic.
- Integrated Cordova offline file storage and PDF viewer plugin, enabling offline access to over 1,500 notes and worksheets.
- Enhancing the app with Flutter to achieve cross-platform capability, consistent UI, and improved efficiency.

Postscript Programming Language | Java   ***Sep - Dec 2023***
- Designed and implemented a stack-based programming language in Java, adept at managing syntax elements like variable declarations, procedure definitions, and conditional statements.

LEADERSHIP & COMMUNITY ENGAGEMENT

Colorstack at Williams Founding Co-President | EphBytes Programs Manager | 2023 International Orientation Leader