Milton Vento

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EDUCATION

Williams College   Williamstown, MA
Bachelor of Arts in Computer Science | **GPA**: 3.83   *Expected: Jun 2026*
Relevant Coursework: Data Structures and Advanced Algorithms, Macroeconomics, Microeconomics, Computer Organization (in progress), Discrete Maths (in progress), Data Science and Computing, Multivariable Calculus
Honors and Awards: Dean's List

SKILLS & CERTIFICATIONS

Languages: Python | JavaScript | Java | HTML | CSS | Visual Basic | R | C
Frameworks and Technologies: React | Django | Postgres | Git |Bootstrap | Android Studio | Fusion360 |
Certifications: **CodePath** Intermediate Web Development | **Microsoft Certified: Azure Fundamentals** | **CodePath** Advanced Data Structures and Algorithms

WORK EXPERIENCE

Co-Founder, Project Manager | CSE Technologies   *Jan 2023 - Present*
- Led a diverse team of 8 in the design and development of a React-based frontend and Django-powered backend booking system for a Zimbabwean company
- Implemented the front end using React components and HTML/CSS layouts, and integrated real-time data retrieval via API requests
- Leveraged Django to architect robust data models, handle HTTP requests, and ensure data integrity

Computer Science Teaching Assistant | Williams College   *Sep 2023 - Present*
- Provided programming and debugging support to 50+ students during lab sessions
- Conducted drop-in Office Hours and graded labs, providing constructive feedback to enhance understanding

Makerspace Summer Intern | Williams College   *Jun 2023 - Present*
- Optimized Makerspace workflows by 1000% (from 3 months to 1 week) through research and comparative analysis of photogrammetry and 3D modeling procedures
- Devised and documented an automated photogrammetry process using IR camera and turntable, reducing photogrammetry time by over 50%

PROJECTS

EduAccess Mobile App | Html, CSS, Android Studio, Cordova Ionic Framework, Flutter   *2021, Present*
- Utilized Html, CSS and the Cordova Ionic platform to develop an android educational app, empowering 55+ high school students with offline access to crucial learning resources amid the Covid-19 pandemic period
- Integrated Cordova file storage and pdf viewer plugin, allowing offline access to over 1,500 notes and worksheets
- Enhancing the app using Flutter for cross-platform capability, consistent UI, and increased efficiency

AirWatch Williamstown | React, Postgres, Javascript, Html, CSS   **Fall 2023**
- Employed React and Javascript to develop a dynamic full stack web app that utilized a weather API to showcase real-time Williamstown air quality trends over the past 48 hours.
- Used Recharts to integrate informative charts offering insights into different air quality variables, while allowing users to switch between visualizations for enhanced exploration.

Postscript Programming Language | Java   **Fall 2023**
- Designed and Implemented a stack-based programming language, proficient in handling programming syntax such as variable declaration, defining procedures, handling conditional statements

LEADERSHIP & COMMUNITY ENGAGEMENT

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