Aidan B. Martin

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EDUCATION

Virginia Polytechnic Institute and State University (Virginia Tech)   **Expected Graduation: May 2026**
Pursuing a Bachelor of Science in Computer Science   Blacksburg, VA

Cumulative GPA: 3.93/4.00
Honors: President's List Fall 2023, Dean's List Spring 2023 & Fall 2022
Organizations & Extracurriculars: StreetDreams VT, VT Artificial Intelligence & Machine Learning Club

Relevant Coursework: Software Design & Data Structures, Computer Organization, Mobile iOS Software Development, Discrete Mathematics, Applied Combinatorics, Linear Algebra, Multivariable Calculus, Physics I & II

TECHNICAL SKILLS

Programming Languages: Python, Java, Swift, JavaScript, C, MATLAB
Version Control & Other Technologies: Git, GitHub, GitLab, SQL, JUnit, Docker, SwiftUI, SwiftData
Other Languages: Bash, HTML, CSS, SCSS, Markdown
IDEs: VS Code, Eclipse, Xcode

Operating Systems: Windows, macOS, iOS, Linux, Raspberry Pi OS
CAD: SOLIDWORKS, Autodesk Fusion 360, Blender
UI/UX Design & Creative Software: Figma, Adobe Creative Cloud Suite

PROJECTS

Photography "Viewfinder" | iOS Mobile App   **WIP**
- Mobile application to preview the field of view of camera / lens pairings using Swift, SwiftUI, and Xcode.
- Next steps: Apply skills and best practices learned at a collegiate level to publish a finished product.

aidanbmartin.com | Personal Website   **August 2023 - February 2024**
- Online business card and photography portfolio developed to learn introductory web development.
- Built and designed with HTML, CSS & SCSS, JavaScript, GitHub, ImageKit.io, Figma, and Netlify.

Vertical Axis Wind Turbine | Foundations of Engineering Class Project   **January 2023 - May 2023**
- Worked in a team of six over the course of a semester to develop and build a prototype vertical-axis wind turbine.
- Responsible for modeling and CFD testing the final blade design in SOLIDWORKS.

Martin Aviation Photography | Photography Business   **October 2021 - Present**
- Accumulated large portfolio of aviation images, specializing in high-speed photography of aircraft in flight.
- Recent work includes two air-to-air photoshoots with a local flight school.

EMPLOYMENT EXPERIENCE

Viginia Tech University Libraries | Prototyping Studio Student Assistant   **February 2024 - Present**
- Operated a 3D printing and laser cutting studio and managed the flow of student-submitted fabrication jobs.
- Provided customer service to studio patrons and maintained an organized and safe environment.

Running Lights Beverage | Photographer, Graphic Designer, & Website Assistant   **February 2023 - Present**
- Assisted with management and design of a professional e-commerce website hosted via Wix.
- Combined photography, graphic design, and 3D modeling/rendering to create digital and print advertisements.

Crescent Hotels & Resorts (The Spa of Colonial Williamsburg) | Guest Services   **May 2023 - August 2023**
- Interacted with guests in a welcoming and professional manner to reflect the facility's Forbes 4-Star rating.
- Communicated effectively under pressure to safely handle emergencies and crowds across three pools.

Airport Maintenance & Media Assistant | Williamsburg Jamestown Airport (KJGG)   **February 2022 - August 2022**
- Worked in a small team on general facilities maintenance and graphic design of airport branding and media.
- Photographed airport events, aircraft, FBO interior/exterior, and employees for airport outreach and advertising.