

Aidan V. Totten

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EDUCATION

Virginia Commonwealth University (VCU)

Richmond, VA

Bachelor of Science: Information Systems **Minor:** Computer Science

Graduated May 2025

Relevant Coursework: AI for Business Intelligence, AI Services for Business, Advanced Networking, Object Oriented Programming, Data Analysis, Database Organization & Design

RELEVANT SKILLS

Programming & Data: SQL (PostgreSQL, MySQL, MSSQL), Python (Pandas, NumPy), Java, C, HTML\CSS, JavaScript, TypeScript, React

Cloud & DevOps: AWS (Bedrock, Cognito, EC2, S3, Lambda), REST APIs, Docker, Supabase

Analytics & Visualization: Power BI, Tableau, Excel, Data Modeling, Business Process Modeling

Tools & Methodologies: Agile (Scrum), Jira, Lucidchart, Figma, GitHub, Hugging Face, Stakeholder Communication, Project Management

Certifications: Certified Scrum Master, Agile Project Management, Business Analysis Foundations

INFORMATION TECHNOLOGY EXPERIENCE

CapTech Ventures

Richmond, VA

Business Systems Analyst & Project Manger Intern

May 2024 - August 2024

- Developed back-end infrastructure on AWS, creating a relational database with over 70,000 records to support an airline website's dynamic front-end, reducing query response time by 30% and ensuring seamless data availability for customer transactions.”
- Managed a cross-functional team of 12 using Agile and Scrum methodologies; led sprint planning, retrospectives, backlog creation, change acceleration, and standups via Jira
- Built a full-stack airline site using React; integrated AI chatbot (Amazon Bedrock + OpenSearch) and account features using AWS Cognito with 2FA along with accessibility options.
- Facilitated stakeholder communication by presenting project updates, roadmaps, and KPIs to mentors and senior staff, which enabled data driven decisions that accelerated project delivery.

Blair Dumont Inc.

Richmond, VA

IT Operations Intern

February 2025 - May 2025

- Restructured and optimized 3 company databases, improving analytical performance, ensuring only clean data, and enabling 20% greater data intake & increased productivity.
- Designed and implemented 2 Power BI dashboards for real-time analytics and decision-making support, leading to critical decisions on contracts
- Developed a preventive maintenance system to track over 400 assets, resulting in a 10% reduction in downtime, and increased awareness of machine life, helping ensure employee safety

Virtual Closet AI App

Richmond, VA

Co-Developer of App “Drobe”

March 2025 - Present

- Leading full-stack development of a fashion discovery app that blends social and e-commerce features in an efficient manner targeting GenZ and Millennial Users
- Building a cross-platform React Native/Expo frontend with TypeScript, and a FastAPI backend containerized using a Docker Environment, ensuring efficient development
- Engineering AI-powered fashion recognition features that recommend similar items tailored to the user for purchase via linked metadata
- Integrated Supabase for authentication and PostgreSQL-based data storage; implemented secure email/OTP sign-in flow that is aesthetically and systematically smooth
- Designed scalable architecture with modular components, reusable hooks, and JWT-based session management (in development)

OTHER WORK EXPERIENCE

VCU Men's Club Ultimate Frisbee

Richmond, VA

President

January 2023 - May 2025

- Planned meetings, events, practices and tournaments; managed a \$7,500 budget and communications, handled recruitment increasing retention by 30%, delegated responsibilities to the officer team, and served as the club’s elected leader.