DYLAN ANDERSEN

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Current Address:
Mount Kisco, NY 10549

CAREER OBJECTIVE

Goal-oriented Computer Science graduate passionate about combining technical problem-solving with client-focused solutions. Seeking a role leveraging skills in Python, SQL, and web technologies, combined with strong communication and collaboration abilities, to drive impactful business outcomes.

EDUCATION

University of Virginia, Charlottesville, VA
School of Engineering and Applied Science, Bachelor of Science *August 2021 - May 2025*
Major: Computer Science, Minor: Engineering Business Minor
- Honors: Deans List Fall 2021, Deans List Fall 2024, Deans List Spring 2025
- GPA: 3.2 / 4.0
- Relevant Coursework: Multivariable Calculus, Entrepreneurial Finance, Data Structures and Algorithms II, Financial Accounting, Discrete Math and Theory II, Money and Banking, Advanced Software Development, Computer Systems and Organization II, New Product Development, Artificial Intelligence

WORK EXPERIENCE

ME Engineers, New York City, NY
Software Engineering Intern *May 2024 - August 2024*
- Partnered with internal stakeholders to understand document retrieval pain points and align solutions with business needs
- Communicated technical constraints and capabilities clearly across cross-functional teams to support project goals
- Designed an AI-powered document search solution using a Retrieval-Augmented Generation (RAG) system with Pinecone
- Developed a streamlined Python pipeline to process and embed internal documents for semantic search
- Built user-friendly Streamlit interface enabling non-technical users to query chatbot seamlessly, boosting adoption and satisfaction
- Collaborated with stakeholders to gather feedback and refine solutions, enhancing reliability and user experience

PROJECTS

Whistleblower App, Charlottesville, VA
Testing Manager/Team Member *January 2024 - April 2024*
- Designed a secure user experience prioritizing sensitive data protection based on stakeholder needs for UVA Student Health reporting
- Led technical discussions with project stakeholders to align system functionality with operational and confidentiality requirements
- Co-developed web application leveraging Django, PostgreSQL, and AWS S3 for secure storage and dynamic role-based access control

Course Reviews Application, Charlottesville, VA
Creator *November 2023 - December 2023*
- Focused on user-centric design by building an intuitive review and search platform addressing gaps in course information accessibility
- Gathered user feedback and implemented enhancements to improve system usability and user satisfaction
- Built application using JavaFX with backend integration to an SQLite database, ensuring smooth CRUD operations via JDBC

EXTRACURRICULARS

Special Interest Group on Artificial Intelligence, Charlottesville, VA
Member *November 2023 - May 2025*
- Devoted to club initiatives and increasing understanding of artificial intelligence through active participation

Andersen Tutoring, Mount Kisco, NY
Founder *September 2019 - May 2025*
- Created a private tutoring business, fostering strong client relationships and growing clientele by 500% through referrals

Intramural Basketball UVA, Charlottesville, VA
Captain *January 2022 - April 2022*
- Organized and led a team through 10+ regular season basketball games and into playoffs

CERTIFICATIONS

- AWS Cloud Quest: Cloud Practitioner, Amazon Web Services — Issued June 2025