Abraham Ganske

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EDUCATION

University of Wisconsin – Madison   **Madison, WI**
Bachelor of Science   *May 2027*
Majors: Computer Science ; Data Science
Cumulative GPA: 3.54/4.00

PROFESSIONAL EXPERIENCE

Baird Private Wealth Management   **Milwaukee, WI**
Software Developer Intern (year-round)   *May 2025 – Present*
- Contribute to the redevelopment of Baird's client-facing financial platform using React and internal .NET services, focusing on state management, UI responsiveness, and integration with both internal APIs and external vendor services
- Write and maintain mock-based unit tests and AITs for .NET services, ensuring backend and service interaction reliability
- Collaborate in Agile Azure DevOps environment using Git to manage repositories and CI/CD pipelines

Kapco Metal Stamping   **Grafton, WI**
IT Intern (year-round)   *May 2024 – May 2025*
- Create intuitive interfaces for several web apps used on the production floor with ASPX, JavaScript, and CSS to streamline workflow processes, reduce training time, prevent wrong inputs, and facilitate data accuracy, user adoption, and efficiency
- Integrate SQL databases with Microsoft's .NET Framework in C# to construct robust and efficient backend logic for frontend interfaces, ultimately reducing mislabeling incidents and systematizing purchasing order generation
- Develop SQL Queries to transform tables into actionable data for SSRS reports that improve company decision-making
- Implement innovative new features and meaningful quality of life enhancements to proprietary Windows applications in Visual Basic, significantly improving efficiency, safety, and overall reliability of critical warehouse processes

Fox Point Bayside School District   **Fox Point, WI**
Technology Assistant   *June 2021 – August 2022*
- Processed, Provisioned, and Administered Chromebooks in Google Admin to ensure on-time deployment
- Created and managed the privileges and passwords of 100's of student accounts to provide administrative coverage
- Updated and troubleshooted desktop computers to establish up to date and functional software across the district

LEADERSHIP AND INVOLVEMENT

Alpha Kappa Psi   **Madison, WI**
Selected Member   *January 2025 – Present*
- Selected as 1 of 33 members from a competitive pool of 270+ students based on professionalism and fit

University of Wisconsin – Madison   **Madison, WI**
Club Co-Facilitator   *September 2024 – December 2024*
- Facilitated an afterschool Scratch Club to teach 3-5th graders core computer science concepts and problem-solving skills
- Coordinated transportation, developed lesson strategies, crafted improvement initiatives, and designed hands-on projects while facilitating clear communication to maximize learning impact and captivate student engagement and growth

Data Science for Sustainable Development   **Madison, WI**
Project Contributor, General Member   *September 2024 – Present*
- Attend technical and career development workshops and social events while working on the Better Evidence Project

Personal Initiatives and Projects

Coursera Google Cybersecurity Professional Certificate   *July 2023 – January 2024*
- Explored workflow, responsibilities, and thought processes of cybersecurity analysts through 7 units including Network Security, Threat Detection and Response, and Automating Tasks while exploring tools like SQL, Linux, and Wireshark

My Movie Journal   *December 2024 – Present*
- Developed a website that allows users to browse, rate, and save TMDB movies to user specific collections with Svelte
- Implemented Google account creation, authentication, and user data tracking by employing API calls to a Firebase backend

Better Evidence Project   *January 2025 – Present*
- Aided in feature creation for a database search engine allowing scholars to find PDFs by search and filter
- Designed and helped implement a structured database solution to efficiently store and query data ported from Amazon S3 buckets used by an AWS Kendra service, optimizing website data accessibility and performance

SKILLS AND INTERESTS

Skills: C#, C, Visual Basic, Java, Linux, ASPX, SQL, .NET Framework, React, Object-Oriented Design, JUnit Testing
Interests: One Piece, Astronomy, Volleyball, Weightlifting, Teddy Fresh, Ethoslab, Outer Wilds, Apple Ecosystem, Saunas