Benjamin Grimes

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💼 Work Experience

Vintage Software
Full Stack Software Developer

📅 01/2022 - 05/2023 📍 Jackson, MO

Vintage Software owns, maintains, and improves the website EstateSales.NET, a platform for listing and discovering estate sales in your local area. The company was bought by Auction Technology Group (ATG) in 2023 for approximately 40 million.

- Developed new front-end webpages and functionality using Angular Material TypeScript.
- Applied CQRS principles for the server-side C# application development.
- Conducted code reviews for peer Pull Requests to ensure quality standards.
- Transitioned outdated Webforms and JavaScript pages using modern technologies.
  - Achieved 50% reduction in legacy pages during my tenure.

George Mason University
Teaching Assistant

📅 09/2017 - 12/2019 📍 Fairfax, VA

- Assisted during lab and personal office hours in CS112 - Introductory Programming, a course taught in Python.
- Assisted during lectures and personal office hours in CS211 - Object Oriented Programming, a course taught in Java.
- Graded and provided detailed feedback for quizzes and projects in the course CS306 – Law and Ethics.

Ontology Engineering Group
Engineering Intern

📅 06/2019 - 07/2019 📍 Madrid, Spain

Part of the Universidad Politécnica de Madrid, the OEG worked primarily in research related to the semantic web.

- Processed images for shapes using Java OpenCV, for the eventual goal of determining best practices for teaching fundamentals of the semantic web.

★ Skills And Technologies

- **Skills:** Artificial Intelligence, Machine Learning, LLMs, NLP, Data Analysis, Data Visualization, Web Development, Agile Methodologies, Software Architecture
- **Technologies:** Python, Pytorch, Tensorflow, Huggingface, Pandas, Git, R, Java, C#, Unix, Typescript, Angular, SQL

🎓 Education

University of Sydney
Master of Data Science; Machine Learning, Specialization

📅 07/2024 - 11/2025 📍 Sydney, Australia

- Graduated with Distinction
- Relevant Coursework: Machine Learning and Data Mining, Advanced Machine Learning, Deep Learning, Natural Language Processing, Visual Analytics, Principles of Data Science, Computational Statistical Methods

George Mason University
Bachelor of Computer Science, Major; Software Engineering, Minor

📅 08/2016 - 05/2021 📍 Fairfax, VA

- Relevant Coursework: Artificial Intelligence, Data Mining, Data Structures, Algorithms, Concurrent & Distributed Systems, Software Architectures, Software Testing & Maintenance, Usability Analysis/Design, Linear Algebra, Calculus I-III.

📋 Projects

SHeLL- Medical Terms, Acronyms, and Definitions

📅 08/2025 - 11/2025

- Researched and developed a pipeline for the identification and disambiguation of complex medical terms and acronyms within client facing medical texts.
- Achieved an F1 score of >0.9 on both acronym detection and acronym expansion detection. Achieved an accuracy >0.9 on acronym disambiguation.
  - Plans for the Sydney Heath Literacy Lab (SHeLL) to add the developed functionality to their editor will begin in early 2026.

Foreman DeGeurin Website

📅 2023

- Developed the current foremandegeurin.com for the law firm Foreman, DeGeurin & DeGeurin.

🚶 Interests

- Travel, Hiking, D&D, Reading, Writing, Scuba Diving, Weightlifting, Gaming, 3D Modeling and Animation