Noah Hodgson
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[Linked-In Page,](#) [Personal Website](#)

Summary:
Adept full-stack developer who championed AI/ML endeavors and implemented Generative AI solutions that are utilized by the business.

Experience:

W. L. Gore & Associates   Software Engineer II, July 2022-Current

- Designed and built, as a full-stack developer, a web application that is critical for data-entry and validation.

  ○ Contributed as a developer for the entire project life-cycle, utilizing React for the front-end, Vitest for testing, Django for back-end functionalities, and MySQL database, adhering to stringent zero-trust architecture standards.

  ○ Designed the user interface using Figma, creating an interactive showcase for our internal client.

  ○ Collaborated within a compact developer team to establish a robust CI/CD pipeline on Azure, ensuring the secure and efficient deployment of the application, contributing significantly to data security.

- Pioneered AI and Machine Learning applications, supporting the transition from a business-need, to a proof of concept, and finally to production.

  ○ Conducted in-depth research and devised impactful use cases utilizing NLP and Generative AI technologies like Chat GPT to address evolving business requirements.

  ○ Played a pivotal role in the execution phase, as lead developer, dealing with data scraping, Python script development, and the creation of user-friendly dashboards tailored for non-technical users, leveraging both Plotly and Power BI for scalable project requirements.

- Managed project responsibilities for a focused Computer Imaging initiative. Orchestrated project lifecycle, led sprints, oversaw our AWS tenant, and applied technical expertise. Also aided in documentation once the project reached its goal.

University of Delaware-Maker Gym   Software Developer, September 2021-July 2022

- Successfully completed a senior project to University of Delaware's design and fabrication studio, delivering a web application facilitating the scheduling of 3D printers and other fabrication software.
- Collaborated with a team of developers in an agile environment to create the front-end using React. Employed the Express package to support the back-end infrastructure.

Education:

University of Delaware

Bachelors of Science In Computer Science   May 2022

     Overall GPA: 3.74

Georgia Institute of Technology

Masters of Science in Computer Science   December 2027