

# Noah Hodgson

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[LinkedIn](#) | [Personal Website](#)

## Skills:

Machine Learning, Data Analytics, AI Solution Development, Google Cloud, React (Front-End Development), Django (Backend Development), CI/CD Pipelines (Azure DevOps), Project Management, Natural Language Processing, Data Management

## Experience:

### **W. L. Gore & Associates**

#### *Machine Learning Data Scientist (LVL3)*

*April 2024 - Present*

- Designed and implemented a platform for receiving and approving incoming sensitive data for an experimental product leveraging Google Cloud.
- Digitized PDFs from a legacy data platforms, greatly enhancing the usability of this data.
- Collaborated to support Microsoft Copilot, performing data analytics on user data streams to demonstrate value.
- Leveraged Machine Learning techniques for parsing large databases, enhancing data-driven insights for Gore's medical division on specific key products.

#### *Software Engineer (LVL2)*

*July 2022-April 2024*

- Engineered a zero-trust data analytics platform for groundbreaking stem cell therapy research in partnership with The Mayo Clinic.
  - Developed a sophisticated front-end application using React, creating a seamless and intuitive user experience.
  - Contributed to the backend and database using Django and MySQL, ensuring efficient and reliable data management for our client.
  - Implemented and managed robust CI/CD pipelines using Azure DevOps.
- Spearheaded development of an AI solution to extrapolate key insights from Sitka customer reviews.
  - Imported and cleaned thousands of reviews from our customer database via Python.
  - Used traditional Natural Language Processing as well as emerging technology like Chat-GPT's API to parse reviews and extrapolate information negative reviews.
  - Constructed a Power BI surface layer to serve users business-critical insights.
- Acted as project manager for a computer vision team. Led sprints and managed AWS environment. Coordinated end of life wrapup for this project. Further information subject to NDA with external client.

## Education:

### **Georgia Institute of Technology**

Masters of Science, Computer Science

December 2027

### **University of Delaware**

Bachelors of Science, Computer Science

May 2022