Noah Hodgson

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Summary:

Data Scientist and graduate student at the Georgia Institute of Technology, specializing in developing AI solutions to optimize business processes and amplify human resources.

Experience:

W. L. Gore & Associates

Machine Learning Data Scientist (LVL3)   *April 2024 - Present*

- Pioneered efforts to leverage Machine Learning for parsing large databases, enhancing data-driven insights for Gore's medical division.
- Modernized diverse data platforms, significantly advancing SAP transformation projects.
- Collaborated to support Microsoft Copilot, performing data analytics on user data streams to demonstrate value.
- Designed and implemented a platform for receiving and approving incoming sensitive data for an experimental product leveraging Google Cloud.

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

Credentials:

- Earned multiple certificates from DeepLearning AI's machine learning courses.
- Internal user training for Cybersecurity for Developers
- Familiarized with Azure low code platform through several Microsoft-run workshops.