

Andrew I. Bauer

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EDUCATION

Georgia Institute of Technology

Atlanta, Georgia

Bachelor of Science in Computer Science; GPA: 3.52

Projected 2023

- **Relevant Coursework:** Object Oriented Programming; Data Structures and Algorithms; Objects and Design; Linear Algebra; Multivariable Calculus; Info Visualization; Junior Design

West Morris Central High School

Chester, New Jersey

International Baccalaureate (IB) Diploma Recipient / Top 5%

Graduated 2019

WORK & LEADERSHIP EXPERIENCE

Grant Thornton

Chicago, Illinois (Remote)

Enterprise Transformation Intern

June 2021– August 2021

- Worked as a Product Manager for internal technology department of an accounting firm
- Performed data analysis on AI chatbot virtual assistant conversation data; Created a power BI dashboard to analyze unresolved user requests; Conducted user research to ensure the chatbot's dialogue was void of unintended bias
- Wrote and assigned requirements at the Feature and User Story levels for a technology product involving a data pipeline for firm client data

Georgia Tech Vertically Integrated Project: Data Driven Education

Atlanta, Georgia

Data Scientist/Engineer for Discussion Forum Sub-team

August 2020– December 2020

- Worked on data science team for vertically integrated project with the goal of creating a web application to be used by course instructors to help improve their teaching methods
- Used python, pandas, and numPy to complete natural language processing and sentiment analysis on data scraped from Georgia Tech's learning management systems; created scripts and APIs
- Aided front end team by making data visualizations using python libraries such as matplotlib and bokeh

PROJECTS

Junior Design: Biometric Signature Authentication System

January 2021– Current

- Works on a 5-person software team with the goal of creating a biometric password authentication web application to be used by Georgia Tech students
- Designs the UX prototyping for web application; Writes use cases, user stories and acceptance criteria
- Communicates with a client regularly to ensure design goals are being met
- Created a tech demo using a Flask web server and javascript

SKILLS, ACTIVITIES & INTERESTS

Languages: Conversational proficiency in Spanish

Programming Languages: Python (with Pandas), Java, Javascript (D3.js, React, Node.js), C, R

Other Skills: Agile Methodologies, UML Diagraming, Excel, Tableau, Power BI, SQL

Activities and Interests: Vice President and Philanthropy Chair of Alpha Epsilon Pi fraternity; Georgia Tech Club Ice Hockey