

Andrew I. Bauer

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EDUCATION

Georgia Institute of Technology

Atlanta, Georgia

Bachelor of Science in Computer Science; GPA: 3.66, Major GPA: 3.9

Projected 2023

- **Relevant Coursework:** Object Oriented Programming; Data Structures and Algorithms; Objects and Design; Design and Analysis of Algorithms; Statistics and Applications; Info Visualization; Junior Design; Intro to AI; Machine Learning; Special Topics in Human-Computer Interaction
- **Programming Languages:** Python (Pandas, Django, Keras, Sklearn, PyTorch), Java, Javascript (D3.js, React, Node.js, Bootstrap), HTML, CSS

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 IT department of 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 avoid unintended bias in chatbot
- Wrote and assigned requirements at the Feature and User Story levels for firm client data platform

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 to help create 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

ATL Wildin' Wildlife Tagger Web Application

August 2021-December 2021

- Developed a wildlife tagging application with the goal of allowing users to tag images taken of animals on Georgia Tech campus greenspaces for data collection to allow for researchers to survey biodiversity for junior design course
- Worked on 6-person software team and worked with a client to develop a Django web application with mySQL databases for animal and user data, a file server for animal images, and firebase for user authentication
- Utilized python, HTML, JavaScript, and CSS to complete frontend development for application
- Followed agile methodologies for project management; Created UML diagrams for software architecture and component design; Made UI frameworks; Used git for version control

SKILLS, ACTIVITIES & INTERESTS

Languages: Conversational proficiency in Spanish

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

Activities and Interests: Alpha Epsilon Pi Fraternity (Vice President, January-December 2021; Philanthropy Chair, August 2021-May-2022); Georgia Tech Club Ice Hockey