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

WORK & LEADERSHIP EXPERIENCE

American Express   **New York, New York**

Associate Product Intern   June 2022– Current

- Creates data visualizations and dashboards using Tableau for Digital Banking Product Portfolio Management Team; Presents reports to business leaders and stakeholders
- Monitors the efficiency, effectiveness, and vision of the development of American Express' digital checking and savings products through data analysis; Helps plan and determine what features to implement and predict what capabilities and epics are expected to be released

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 to store backend data
- Utilized python, HTML, JavaScript, and CSS to complete frontend development for application

SKILLS, ACTIVITIES & INTERESTS

Languages: Conversational proficiency in Spanish
Skills: Tableau, SQL, Microsoft Office, Power BI, Agile Methodologies, UML Diagraming
Activities and Interests: Alpha Epsilon Pi Fraternity (Vice President, January-December 2021; Philanthropy Chair, August 2021-May-2022); Georgia Tech Club Ice Hockey