

Landon James Wilson

Atlanta, GA | (470) 439-8191 | landon.wilson1284@gmail.com | [linkedin.com/in/lwilson81](https://www.linkedin.com/in/lwilson81)

Education

Georgia Institute of Technology | College of Computing | **Atlanta, GA**

December 2023

Bachelor of Science in Computer Science

- GPA: 3.77, Dean's List: 7 Semesters, Faculty Honors: 3 Semesters
- Coursework: *Algorithms, Data Structures, Machine Learning, Mobile App Development, Data Manipulation*
- Study Abroad at American University in Dubai for the Summer 2022 semester

Experience

Hueman | **Jacksonville, FL** | *Data Science Intern*

June 2023 - July 2023

- Documented Hueman's entire database schema to improve the efficiency of onboarding new hires by 30%
- Designed 2 detailed PowerBI dashboards to articulate complex findings to both management and stakeholders
- Streamlined data analysis processes through proficient use of Python data manipulation and visualization libraries
- Demonstrated mastery of SQL by querying datasets of over 500000 entries to enable informed decision-making

Biomedical Informatics Laboratory | **Atlanta, GA** | *Research Assistant*

February 2023 - Present

- Utilized research skills to understand the information needed to create meaningful models
- Developed a convolutional neural network using PyTorch to find underlying causes of liver cancer
- Develop a cost-saving 3D printer nozzle path optimization program, reducing waste and enhancing efficiency

Robotic Musicianship Vertically Integrated Project | **Atlanta, GA** | *Research Assistant*

January 2022 - May 2023

- Leveraged RESTful APIs to streamline data input, enhancing efficiency and accuracy in robotic operations
- Collaborated with a partner to program musical performances and synchronized dancing of robotic arms
- Worked with 4 cross-functional teams of engineers to construct an interactive experience with 8 robotic arms

Projects

Fake News Detection Models | **Atlanta, GA** | *Individual Project*

January 2023 - May 2023

- Developed machine learning models to identify misinformation, achieving an impressive 95% accuracy rate
- Preprocessed over 25000 textual data points to optimize analytical readiness for supervised learning models

Bank Management System | **Atlanta, GA** | *Class Project*

January 2022 - May 2022

- Played a key role in a 4-person team dedicated to the creation of a comprehensive bank management system
- Implemented over 30 use cases such as user authentication, transactions, payroll, and administration functions
- Designed and executed a user-friendly GUI to maintain the account database using RESTful API's

COVID-19 Data Analysis | **Atlanta, GA** | *Partner Project*

January 2021 - May 2021

- Cleaned and processed over 41000 data points gathered from federal databases using APIs to make them usable
- Generated easily understandable plots and synthesized meaningful conclusions about COVID policy effectiveness

Organizations

Georgia Tech International Ambassadors | **Atlanta, GA**

Vice President of Finance:

April 2022 - May 2023

- Led a diverse 5-person committee in budgeting planning and drafting comprehensive bills
- Managed over \$20,000 in organizational funds to support cultural events attended by over 1200 students
- Coordinated three fundraisers that increased internal funds by over 150% and engagement by over 100%

Finance Committee Member:

January 2021 - Present

- Collaborated with team members to run 2 fundraisers throughout the year, increasing average profit by 500%
- Communicated with company representatives and campus departments to acquire over \$2800 of sponsorships

Big Data Big Impact | **Atlanta, GA** | *Parkinson's Project Team Member*

August 2023 - Present

- Work in a team to create machine learning models to predict the likelihood of a person having Parkinson's disease

Skills

Technical: Java, Python, SQL, MATLAB, PyTorch, C, PowerBI, Git, HTML, CSS, JavaScript, Firebase, Android Studio