# James Notoma
jamesnot23012@gmail.com – jon47056@uga.edu • (404) 654-7983

## SUMMARY OF QUALIFICATIONS

- Experience with data cleaning, data preprocessing, and data manipulation using python libraries like Pandas and NumPy as well as their R equivalences.
- Designed, updated, and optimized **SQL/relational databases**, performing queries, data validation, and routine maintenance for data integrity and efficiency.
- Solid Understanding of machine learning algorithms, model development, and model evaluation using frameworks like scikit-learn, TensorFlow, or PyTorch.
- Ability to create meaningful visualizations using libraries like Matplotlib, Seaborn, or Plotly.
- Familiarity with working with databases.
- Experience working with APIs to integrate/access data from a multitude of sources.

## TECHNICAL SKILLS

- **Programming Languages**: Python, R, C#, C/C++, Java (including their GUI toolkits)
- **Operating Systems**: Windows 10/11, Linux, Unix
- **Packages**: NumPy, OpenCV, PyTorch, TensorFlow, pandas.
- **Tools**: Git, Docker, Jupyter Notebooks, Tableau, WandB, MySql, NoSql

## RELATED PROJECT EXPERIENCE

**Real-time Face Detection Project**                                                                  Athens, GA
*Personal Project*
- Developed and implemented a real-time live studio audience, using facial recognition technology.
- Integrated facial recognition algorithms with a database of recognized faces to trigger predefined sound bites upon detection within the frame.
- Utilized Python and OpenCV for facial recognition and a package called playsound for sound bite playback.

*Results and Further Development*

I was very satisfied with the foundational level that this project came out to. It works as expected and I can see many features being added to it. Features like an update database of frequently seen faces, in order to keep a solid grasp on specified individuals changing faces. As well as possibly a mobile app or an API backend that users can use to manage sound bites and add people to the database.

## EDUCATION

**University of Georgia**, Franklin College of Arts & Sciences,                                           Athens, GA
*Bachelor of Science in Data Science*
- Financed 70% of college expenses through HOPE Scholarship
- Prominent Coursework: Calculus II/III, Program and Data Literacy using R, and Software Development

**Kennesaw State University**,                                                              Kennesaw/Marietta, GA
*Bachelor of Science in Computer Game Design and Development*
- Named to Kennesaw State University's Dean's List for the Fall 2020 semester
- Took the lead on many software projects including, a GUI Point of Sale System, A Top Down Looter Shooter Video Game, As well as several computer graphics projects using OpenGL.
- Prominent Coursework: Data Structures, Discrete Mathematics, Algorithm Analysis, Intro to Software Engineering, Programming and Problem Solving I & II, Discrete Structures for Computing and Professional Practices & Ethics

## HONORS & INVOLVEMENT

- Dean's List (2 semesters)

## ADDITIONAL EXPERIENCE

**Technical Specialist | September 2019 – September 2020**                                         Woodstock, GA

- Installed, configured, and maintained **Dell servers, desktops, laptops, and peripherals** to meet operational and client needs.
- Performed **hardware and software upgrades**, including component installation, OS configuration, and application updates to improve system performance.
- Provided **Tier 1 & Tier 2 technical support** for printers, PCs, mobile devices, and networking equipment, resolving issues promptly to minimize downtime.

- Diagnosed and **troubleshot hardware, software, and network malfunctions**, identifying root causes and implementing effective resolutions.
- Coordinated the **installation and deployment of enterprise software solutions** to enhance business operations.
- Collaborated with clients and cross-functional teams to translate requirements into **custom, turnkey IT solutions**.
- Delivered **end-user training** on best practices, data security, and software usage to improve productivity and reduce recurring issues.
- Administered **user accounts, access controls, and security protocols** to safeguard sensitive information.
- Applied **IT asset management** principles to track, maintain, and optimize equipment lifecycle.

**Search Quality Rater | May 2025 – Current**                                    Woodstock, GA

- Performed **search engine evaluation** and **relevance assessment** of web content to improve **AI search algorithms** and enhance user experience.
- Conducted **advanced online research** and applied **Boolean search techniques** to verify accuracy, credibility, and context of search results.
- Analyzed and rated content based on **relevance, quality, cultural appropriateness, and alignment with U.S. market trends**.
- Maintained **high productivity and accuracy metrics** in compliance with **Service Level Agreements (SLAs)** and project quality standards.
- Leveraged deep knowledge of **U.S. popular culture, media, and terminology** to evaluate search result intent and contextual relevance.
- Completed intensive **client training modules** and passed certification assessments to qualify for live evaluation projects.
- Adhered to **data privacy**, **confidentiality**, and **non-disclosure agreements (NDAs)** while following **secure browsing practices**.
- Utilized **critical thinking** and **information analysis** skills to identify patterns, improve search engine performance, and support **machine learning model training**.
- Effectively managed a **remote work schedule**, demonstrating **time management** and **self-motivation** in a fast-paced, deadline-driven environment.