

# Jason Saini

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## EDUCATION

- **University of Central Florida** Orlando, Florida  
*Bachelor of Science - Computer Science* August 2020 - December 2024

## SKILLS SUMMARY

- **Languages/Frameworks:** Python, Java, C/C++, C#, JavaScript, TypeScript, SQL/mysql, Kotlin, HTML/CSS, Azure
- **Version Control/Unit Testing:** Git/GitHub/GitLab, Azure DevOps, Postman, XUnit, Gradle, Junit5, Google Test
- **Data Science/Visualization, AI, Machine Learning:** OpenAI, NumPy, Pandas, Keras, TensorFlow, Alteryx, Tableau

## PROFESSIONAL EXPERIENCE

- **Siemens Digital Industries Software** Remote  
*Software Engineer Intern (Software Delivery)* January 2023 - Current
  - **Desktop Application Development:** Developed custom installation solutions across 4 customer product groups.
  - **Software Delivery & Agile:** Delivered reliable software written in C++ (Qt) & Java, tracking progress in Jira (Scrum)
  - **User Accessibility & Reliability :** Increased overall accessibility & reliability by 30% through features & bug fixes.
- **Morgan Stanley** Alpharetta, GA  
*Software Engineer Intern (Public Cloud Transformation Services)* June 2023 - August 2023
  - **Cloud Technologies:** Supported & developed Azure-based software compliant with firm-wide cyber-security standards
  - **Firewall Auditor Project:** Independently developed firewall auditor in Python for internally provisioned Databricks engineering environments, reducing validation time by 50%
  - **Open-AI Code Generation:** Leveraged OpenAI API to create CLI that generates code based on user-specified functionality & internal documentation
  - **Development Environments:** Operated in cross-platform development environment using IDEs on Windows & using Linux (SSH) runtime environments
- **Southwest Airlines** Remote  
*Product Management Intern (Lean Portfolio Management)* January 2023 - May 2023
  - **Enterprise Reporting:** Coordinated w/ senior analysts to report enterprise-level Scaled Agile development using Alteryx & Tableau
  - **Data Engineering:** Reduced data processing workflow execution time by 75% via query optimization in Alteryx
  - **Requirements Gathering:** Met with executive leadership to collect data analysis and reporting needs surrounding enterprise portfolio management (SAFe)
- **Optum** Remote  
*Software Development Intern (Backend)* June 2022 - August 2022
  - **API Development:** Created a C# API to handle application access approval & tested in Postman to assure code quality/reliability
  - **Technical Presentations:** Led bi-weekly "Shark Tank" presentations covering relevant business strategy & sprint development progress

## LEADERSHIP

- **Association for Computing Machinery** Orlando, FL  
*Vice President* August 2022 - Current
  - **Impact:** Doubled growth of UCF's ACM chapter by involving over 300 peers in tech-focused opportunities
  - **Career Preparation:** Lead career workshops on technical skills including software engineering, project management & technical interviews
- **University of Central Florida** Orlando, FL  
*Supplemental Instruction Leader for Data Structures & Algorithms* January 2022 - Jun 2022
  - **Impact:** Reinforced student understanding of computer theory (data structures & algorithms, space/time complexity, memory)
  - **Supplemental Instruction:** Conducted SI Sessions that guide students through course materials and programming concepts in C.

## PROJECTS

- **Algorithms for Machine Learning:** Solved various machine learning problems using exploratory data analysis, linear regression, classification, natural language processing, deep learning & neural networks. Tech: Python, Jupyter Notebook, TensorFlow, Seaborn, SciKit, keras, pandas
- **SoundScout:** Leverage Spotify API to retrieve information about songs from a specific playlist, perform data processing and feature extraction, & provide recommendations based on similarity & popularity scores Tech: Python, SciKit, pandas
- **"In Search of Thunder" - 3D Unity Game:** Led collaborative creative efforts towards user-experience, game design, story, premise, technical tradeoffs, AI programming. Create scripts in C# to model desired agents via traditional AI techniques (collision detection, navigation, finite state machines)