

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.
 - **Continuous Integration (CI/CD):** Deployed & maintained 8 test/build pipelines for merge requests in GitLab.
 - **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)