Cameron Miskell

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Adaptable Software Engineer with experience leading development efforts in Java, Python, and Microsoft Power Platform. Eager to bring my unique perspectives on GenAI and software production to craft impactful and innovative solutions in a growth environment.

EDUCATION

Florida Institute of Technology   August 2020 - May 2024
Master of Science - Software Engineering   GPA: 3.5
- *Relevant Coursework*: Model-Based Software Engineering, Analysis of Algorithms, Advanced Software Testing, Web Applications, Data Mining

SKILLS

Programming: proficient in Java, Python, C++, Bash, Powershell, SQL, JavaScript, HTML
Tools: proficient in VS Code, IntelliJ IDEA, Git, MySQL, VirtualBox, Amazon RDS, Microsoft Power Platform, Windows OS, Linux OS

PROFESSIONAL EXPERIENCE

Medical Receptionist - ConvenientMD Urgent Care   November 2024 - Present
- Facilitated a positive urgent care clinic experience by conducting intake procedures, insurance verification, and patient assistance as needed.

Docusign Automation Intern - CATHEXIS Corp.   June 2024 - July 2024
- Assembled Power Automate workflows to streamline contract signature acquisition for three document types with DocuSign actions in a SharePoint ecosystem.
- Designed a PowerBI dashboard for analyzing signature KPIs to identify data trends and generate actionable insights.
- Communicated across departments to elicit stakeholder requirements and authored documentation for clarity and maintenance of implemented solutions.

Graduate Student Assistant - Florida Institute of Technology   August 2023 - May 2024
- Instructed 34 students in a Java Algorithms and Data Structures course under Dr. Philip Chan. Strengthened ability to articulate complex concepts in simple terms.
- Leveraged Bash scripts to grade and provide feedback on 100+ assignments, focusing on attention to detail and improving student understanding.

Research Developer - Florida Institute of Technology   January 2023 - June 2024
- Developed a back-end prototype in Java with a simple UI for business role extraction through API calls from a generative language model, successfully extracting 77% of target features.
- Published results in a conference paper to NLPIR 2023 under Dr. Khaled Slhoub, demonstrating technical communication skills as the best session presentation.

Software Engineer Intern - NASA Langley Research Center   June 2022 - August 2022
- ● Examined cognitive architectures, expanding a Java-based translator's functionality between SOAR and UPPAAL frameworks.
- ● Adapted quickly to new technologies and learned SOAR and UPPAAL over introductory weeks of internship to analyze and troubleshoot new feature implementations.

PROJECTS

History Tour Web Application - Florida Institute of Technology   August 2022 - April 2023
- ● Collaborated with three classmates to digitize archived Florida Tech history in a data store, then loaded it into a React web application for guided campus tours. Project information is hosted at https://fit-history-app.github.io/
- ● Controlled back-end development aspects, including API integrations, and constructed various UI elements. Integrated version control with Git for collaborative development.

LEADERSHIP EXPERIENCE

Resident Assistant - Florida Institute of Technology   August 2022 - May 2024
- ● Cultivated a community among more than 350 campus residents and collaborated with coworkers to manage recreational activities and support student success.
- ● Coordinated 40+ events and student outreach initiatives, achieving over 90% attendance rates across two academic years.
- ● Mentored freshman and sophomore students on the necessary skills to become future RAs

Art Club - Florida Institute of Technology   January 2022 - September 2023
- ● Co-founded the Art Club at Florida Tech and led the club as President until September 2023.
- ● Conducted meetings, collaborated with members and other clubs, and established foundations for a student art display in the campus library.

PUBLICATIONS

- ● Miskell, C., Diaz, R., Ganeriwala, P., Slhoub, K., & Nembhard, F. (2023). Automated Framework to Extract Software Requirements from Source Code. In *Proceedings of the 2023 7th International Conference on Natural Language Processing and Information Retrieval (NLPIR '23)*. Association for Computing Machinery. https://doi.org/10.1145/3639233.3639242
- ● Miskell, C., and Slhoub, K. (2024). A Comparative Evaluation of AI Chatbot Models: Performance, Self-Assessment, and Task-Specific Challenges. *In preparation*