



# Silas McCormick

## AI Engineer

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### SUMMARY

Experienced AI Engineer dedicated to developing sophisticated AI systems using RAG technology. Proficient in AWS and Python, skilled at integrating applications efficiently. Successfully built chatbots that focus on user experience and operational improvement. Passionate about fostering collaboration across teams, consistently delivering innovative solutions that drive results. Excited about the opportunity to apply expertise in model integrations and pipeline development to enhance AI capabilities at Tech Innovations.

### STRENGTHS

- Python Expertise**  
Used Python for crafting numerous scalable AI applications, enhancing optimal performance and maintainability.
- AWS Knowledge**  
Capable of leveraging multiple AWS services for data handling, creating infrastructures that are robust and efficient.
- Innovative Problem Solver**  
Developed solutions that address customer inquiries effectively, leading to service improvements.
- Team Collaboration**  
Excelled in working within diverse team environments, promoting open communication channels that encourage creativity.
- Project Leadership**  
Steered multi-functional projects ensuring timelines were met and expectations exceeded by all stakeholders.

### SKILLS

- Python AWS (including Bedrock)
- Machine Learning Data Pipelines
- Chatbot Development
- Integration Skills
- Cloud Architecture
- Project Management
- Data Analysis Model Training
- Prototyping

### EXPERIENCE

#### AI Engineer

Tech Solutions Inc. 📅 January 2022 - Present 📍 Chicago, IL

Spearheading efforts to create AI-driven chatbot applications while focusing on integration with AWS services for smoother operations.

- Guide the development of advanced AI chatbot solutions enhancing client interaction.
- Collaborate closely with product and engineering teams to establish effective data pipelines.
- Oversee the successful deployment of scalable cloud-based AI systems utilizing AWS technologies.

#### Junior AI Developer

DataTech Corp. 📅 June 2019 - December 2021 📍 Naperville, IL

Supported complex data processing tasks through machine learning methodologies, contributing significantly to project successes.

- Executed building, training, and validation of machine learning models for generating customer insights.
- Developed quality Python scripts for supporting data analysis and processing workflows.
- Engaged in team discussions for incorporating AWS infrastructure into model pipelines.

#### Intern

IntelliSys 📅 January 2018 - May 2019 📍 Chicago, IL

Gained valuable experience in developing AI prototypes, pushing hands-on knowledge with data tools available in AWS.

- Produced vital data analyses assisting senior engineers on prototype projects.
- Documented findings related to the performance of AI models and their enhancements.
- Worked diligently on improving understanding of Python and AWS toolsets throughout internships.

### LEADERSHIP & AWARDS

- Employee of the Month for outstanding contributions towards AI initiatives at Tech Solutions Inc.
- Recognized for exceptional teamwork in launching a cross-departmental AI project at DataTech Corp.

### EDUCATION

#### Bachelor's Degree in Computer Science

University of Illinois 🎓 GPA: 3.8 📅 2018 📍 Urbana-Champaign, IL

**Coursework:** Data Structures, Algorithms, Machine Learning, Cloud Computing

### CERTIFICATIONS

- AWS Certified Solutions Architect 📅 2020
- AI Professional Certification 📅 2021

Technical Documentation

Client Communication

Cross-Functional Teamwork

Agile Methodologies

Software Development

## LANGUAGES

English Native

Spanish Proficient

## MY CAREER



● AI Engineer at Tech Solutions Inc. (4.4 Years)

● Junior AI Developer at DataTech Corp. (2.5 Years)

● Intern at IntelliSys (1.3 Years)

## TECHNICAL SKILLS

- **Programming Languages:** Python, Java, JavaScript
- **Libraries/Frameworks:** TensorFlow, Keras, Flask
- **Cloud Services:** AWS Lambda, Amazon S3, EC2
- **Database Technologies:** MySQL, PostgreSQL, MongoDB
- **Development Tools:** Git, Docker, JIRA
- **CI/CD Tools:** Jenkins, GitHub Actions, Travis CI
- **APIs:** REST, GraphQL, SOAP
- **Data Visualization:** Tableau, Matplotlib, Seaborn
- **Operating Systems:** Linux, Windows, MacOS
- **Testing Frameworks:** PyTest, Jest

## PROFESSIONAL AFFILIATIONS

- Member of the Association for Computing Machinery (ACM), actively participating in workshops.
- Volunteer Mentor for students interested in exploring artificial intelligence topics.

## ADDITIONAL INFORMATION

**Work Status** : Authorized to work in United States. No sponsorship required.

## REFERENCES

AVAILABLE ON REQUEST