

# Silas McCormick

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## SUMMARY

Dynamic Software Engineer with over 6 years of experience specializing in AI product development. Proven track record in leading the lifecycle of AI projects from conception to execution, ensuring alignment with business objectives. Experience mentoring peers and fostering a collaborative team culture enables success across teams. Committed to leveraging technology that improves user experience and drives innovative solutions tailored to real-world needs. Successfully connected abstract modeling tasks with tangible outcomes, developing seamless interfaces and optimal functionalities by translating complex challenges into simple engineering solutions.

## EXPERIENCE

### Senior Software Engineer

January 2021 - Present

Tech Innovations Inc.

Dallas, TX

Lead the design and implementation of AI-driven solutions for improved user engagement. Collaborate with cross-functional teams to align project requirements with strategic goals. Mentoring junior engineers fosters best practices for AI development and integration. Analyzing performance metrics ensures continuous improvement and user satisfaction.

- Spearheaded initiatives transforming ideas into functional AI-driven applications, driving engagement and retention.
- Defined assessments aligning with business objectives, ensuring growth across team members and project deliverables.
- Cultivated relationships within cross-functional groups to yield fruitful collaborations aimed at higher-quality outputs.
- Championed mentorship programs refining both teams' technical skills and utilization of AI technology.

### Software Engineer

June 2018 - December 2020

NextGen AI Solutions

San Antonio, TX

Developed and maintained machine learning models, enhancing personalization and user interaction capabilities. Executed AI projects focusing on system optimization, promoting overall efficiency and effectiveness. Engaged continuously in troubleshooting tasks to calibrate AI algorithms for optimal performance outcomes.

- Collaborated closely with product managers and data scientists to define actionable development plans yielding quick results.
- Structured project milestones which enhanced transparency while adhering to proposed timelines.
- Utilized agile techniques to elevate developers' expectations leading to project successes in novel implementations.
- Participated actively in knowledge-sharing sessions encouraging team cohesion around AI developments.

### Software Developer

March 2016 - May 2018

SmartTech Labs

Houston, TX

Contributed significantly as part of a team, developing AI systems while streamlining data analysis procedures. Created prototypes, testing new functionalities which directly impacted product quality. Participated in peer code reviews, fostering knowledge exchange that strengthened project outcomes.

- Streamlined processes that reduced development time while improving overall model performances across applications.
- Facilitated ongoing support during critical revisions of internal documentation instilling clear programming practices.
- Fostered open communication by promoting constructive feedback channels among team associates.
- Established guidelines promoting inclusive functions within collaborative environments throughout project phases.

## LEADERSHIP & AWARDS

- Achieved 'Employee of the Year' for exceptional contributions towards AI project breakthroughs.
- Received company-wide appreciation award for successfully implementing accessible user functions in software products.

## EDUCATION

### Master's Degree in Computer Science

2016

University of Texas GPA: 3.8

Austin, TX

**Coursework:** Machine Learning, Statistics, Data Analysis, Artificial Intelligence

## CERTIFICATIONS

- Certified AI Engineer 📅 2021
- Machine Learning Specialist 📅 2022

## TECHNICAL SKILLS

- **Programming Languages:** Python, Java, JavaScript

- **Machine Learning Frameworks:** TensorFlow, scikit-learn, PyTorch
- **Data Management Tools:** SQL, Hadoop, Apache Spark
- **Cloud Technologies:** AWS, Google Cloud, Azure
- **Version Control Systems:** Git, Subversion, Mercurial
- **Development Frameworks:** Django, Flask, Spring
- **Containerization Tools:** Docker, Kubernetes, OpenShift
- **Analytics Platforms:** Tableau, Power BI, Looker
- **Collaboration Tools:** JIRA, Trello, Slack
- **Testing Frameworks:** JUnit, Selenium, Postman

**SKILLS**

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- AI Development
- Machine Learning
- Data Analysis
- Prototyping
- Team Collaboration
- Mentorship
- Natural Language Processing
- Generative AI
- Performance Analytics
- Model Selection
- Indexing Systems
- User Accessibility
- Project Roadmapping
- Personalization Techniques
- Algorithm Optimization
- Problem Structuring

**PROFESSIONAL AFFILIATIONS**

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- Member of Austin AI Community organizing workshops empowering creativity in local tech talent.
- Active participant in 'Women Who Code', advancing diversity and inclusion in technology spaces.

**LANGUAGES**

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- English (Native)
- Spanish (Intermediate)

**ADDITIONAL INFORMATION**

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

**REFERENCES**

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AVAILABLE ON REQUEST