# Khadar Coleman

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## OBJECTIVE

Software Engineer with 5+ years experience exploring positions that prioritize professional development and community impact.

## EXPERIENCE

**STORMSTRIKE STUDIOS LLC**                                                    **Lawrenceville, GA**
*CEO AND FOUNDER*                                                              **Aug 2022 - Present**
- Lead Agile development of web apps and video games using Google Cloud, Unity, Godot, React.JS, Node.JS, .NET, and Docker.
- Developed Server-API-Client infrastructure and managed network communications for a large-scale MMORPG.
- Lead creative direction, design reviews, and cost-benefit analyses for key company decisions.
- Promoted product accessibility by reviewing and adjusting product design throughout the development cycle.
- Reviewed code developed by associates and provided feedback to ensure best practices.
- Created documentation regarding development cycle, daily tasks, and operations of existing programs.
- Wrote code and debugged existing code to resolve issues and develop additional program systems.
- Built sponsored social media theme pages with several thousand followers promoting art and game development.
- Ran tests and resolved company hardware, software, and network issues.
- Utilized Large Language Models such as GPT and Mixtral to assist in organization, automation, creative process, and workflow.
- Managed project distribution and version control using Github.

**FARMERS INSURANCE**                                                         **Anaheim, CA**
*SOFTWARE ENGINEER*                                                           **Dec 2022 - Feb 2023**
- Developed automated company-client communications systems using Google Cloud, Python, and Linux.
- Managed and secured company network communications and Network Assisted Storage.

**U.S. ARMY**                                                                 **United States**
*SOFTWARE ENGINEER*                                                           **Jul 2019 - Present**
- Lead development of military-grade software and technologies to assist mission essential processes.
- Performed code optimization and solved complex issues using data structures and algorithms.
- Analyzed and improved accessibility and utility of existing military-grade systems.
- Developed and managed software with Advantage Software and CAE, using Linux, C++, Fortran, OpenGL.
- Developed Sharepoint apps for data management and military communications.
- Lead design reviews, and performed cost-benefit analyses for key military decisions.
- Wrote standard operating procedure documents and led training on usage of developed technologies.
- Secured network communications and storage of sensitive military information.
- Created weekly reports for leadership detailing progress and changes to developed technologies.
- Lead expansion of operations into a location, serving as subject matter expert on acquisition and setup of technologies.

## EDUCATION

**MOREHOUSE COLLEGE** GPA: 3.85 / 4.0 *Computer Science Major*              **Aug 2022 - May 2026**
- Contributed in creating a supercomputer with Morehouse's High Performance Computing (HPC) team.
- Developed multiple C++ and Python programs including a MIPS Processor and console Wordle.
- Tutored Programming I and II students in C++ app development.

## PROJECTS AND HIGHLIGHTS

**FIFTEEN APPS DEVELOPED:**
- 4 Unity Games, 2 Godot Games, 1 Swift Mobile App, 8 React.JS and Node.JS Web Apps

**TWO HACKATHON PLACINGS:**
- Top 3 Awardee of Google HBCU Hackathon 2023, for Google News Selenium web scraper submission.
- Impact Award Winner of Google Cloud HPC In The City: Dallas 2022, for environmental web app submission.

**ONE SYMPOSIUM ATTENDED:**
- ADMI High Performance Computing Symposium 2023 in Virginia Beach, VA

**ONE PROMOTIONAL INTERVIEW WITH GOOGLE:**
- Google Cultivate and Amplify 2024 in Atlanta, GA: https://shorturl.at/lrGX5

## ADDITIONAL INFORMATION

**U.S. ARMY AWARDS:**  2x Army Achievement Medals, Army Good Conduct Medal, National Defense Service Medal, Global War on Terrorism Medal, Humanitarian Service Medal, Army Service Ribbon
**PROGRAMMING LANGUAGES:** C++, C#, Python, Java, Fortran, Javascript, Typescript, HTML, CSS, Swift, SQL, PHP, Lua
**CERTIFICATIONS:** Secret Security Clearance, Knowledge Management, CompTIA Security+