Nicholas G Goodell

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Summary

Motivated Software Engineering student with a strong academic record and hands-on experience in programming, AI, and cybersecurity. Skilled in problem-solving, team collaboration, and developing innovative solutions through projects and leadership roles.

Education

Iowa State University – Ames, IA
Bachelor of Science in Software Engineering | GPA: 3.66 | Expected Graduation: Dec 2027
Minors: Cyber Security Engineering, AI, Applied AI, and Computer Science

Technical Skills

- **Languages**: Java, C, C++, JavaScript
- **Tools & Frameworks**: Android Studio, Eclipse, VSCode, n8n, API Integration

Work Experience

Resident Assistant | Ames, IA | Aug 2025 – Present

- Lead and mentor incoming students to ensure a smooth transition to college life
- Encourage a positive and inclusive community through events and engagement
- Enforce safety and compliance policies while resolving issues promptly

Supplemental Instruction | Ames, IA | Aug 2024 – May 2025

- Designed and facilitated collaborative learning sessions for Engineering 1600 and Chemistry 1670
- Applied active learning strategies to improve student comprehension and retention
- Partnered with faculty to maintain accuracy and quality in instructional content

Projects

CyCourse App – Frontend Developer | Aug 2025 – Dec 2025

- Developed Android application interface using **Java** in **Android Studio**
- Collaborated with a team of four people to deliver a functional course planning app
- Ensured timely progress through regular check-ins and milestone tracking

AI Short-Form Video Generator | Nov 2025

- Built automated workflow using **n8n** to generate AI-driven social media videos
- Integrated APIs from ElevenLabs, Replicate, and Creatomate for audio/video generation and rendering