

Kenneth R. Schueman

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Education

Iowa State University

Ames, IA

Bachelor of Science: Software Engineering.

May 2025

Relevant Coursework: User Interfaces, Embedded Systems, Data Structures, Object-Oriented Programming, Software Problem-Solving, Software Testing, Analysis of Algorithms.

West Chicago Community High School

West Chicago, IL

Graduated with honors. GPA: 4.55. Head Drum Major, Luis Armstrong Award recipient, June 2021

Tools, Personal Projects, and Extracurriculars

Tools

- Java, C, HTML, React.js, CSS, Springboot, JavaScript, MySQL, Rust, and Python
- Windows, Linux, OSX, and Android development, GIT workflow, Jira/DevOps w/ Kanban/Scrum, and C2PA Content Authentication tools

Personal Projects

- **RedShorts Bot** - A Reddit scraper that creates AI-generated voiceovers from top thread comments. Then proceeds to create close captioning automatically, edit the video together, and post.
- **Blindsy** - An automated blinds control using Raspberry Pie Zero and IOT protocols.
- **Unknown** - Lead Developer on a small space exploration indie game, Unknown.
- Developed a range predictor for a homemade E-Bike using an Arduino that takes pre-baked topological data from the area and past riding sessions to predict range more accurately.

Extracurriculars

- AI Club/Machine Vision Club
- Hackathon participant

Engineering and Additional Experience

Motorola Solutions - Full Stack Development Intern

May 2024 – Aug 2024

During the internship, I worked with the C2PA open standard created by Adobe in collaboration with the Content Authenticity Initiative (CAI) to understand better how we can make a digital chain of evidence to prove without a reasonable doubt that digital evidence has not been tampered with.

Iowa State Department of Residence - Resident Assistant

Aug 2022 – May 2024

As a Resident Assistant, I was fortunate enough to have many experiences that have molded me into who I am today—from time management and planning skills to support a healthy work/life balance, to conflict resolution and report creation.

Skills

Laboratory: FPGA development and programming (VHDL), ROOMBA embedded system development, LINUX kernel development.

Languages: Spanish (Fluent), German (beginner).