Kevin Haan

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GitHub: github.com/KhaineVulpana | LinkedIn: linkedin.com/in/kevinhaan

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Education

Western Governors University | Software Engineering, B.S. | Expected Graduation: February 2026
Currently enrolled, on track for early completion

Iowa State University | Software Engineering | August 2015 - May 2019
Completed 3 years of coursework including Data Structures, Algorithms, Software Design, Database Systems

Scott Community College | Information Technology, A.S. | December 2014

Technical Skills

Languages: Java, Python, C++, JavaScript, SQL, HTML/CSS, PowerShell
Technologies: Node.js, MySQL, Git, Linux, Windows Server, Active Directory
Tools: Raspberry Pi, Arduino, Altiris, IBM BigFix, ServiceNow

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Projects & Awards

First Place - Iowa State University Coding Competition | December 2017
github.com/KevinHaan91/Robot-Laser-Tag

- Won 1st place among 60 competing teams and earned "Best Coder" award on 4-person team
- Developed first-person robot laser tag game with browser-based control interface
- Built using Raspberry Pi, Arduino Uno, and custom hardware integration
- Implemented full-stack solution: C++ for robotics control, Node.js backend, JavaScript/HTML/CSS frontend, SQL database, Python scripts for system automation
- Integrated IR sensors, servo motors, and Pi Cams with real-time web streaming

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Professional Experience

Robotics Teacher (K-6) | Sunshine Elite Education | Hillsboro, OR | January 2024 - April 2024

- Taught programming fundamentals to elementary students using Lego Robotics platforms

- Developed coding curriculum using EV3, Spike, and Boost programming environments

- Simplified complex technical concepts for young learners

Systems Engineer | Intel / Infosys | Hillsboro, OR | September 2020 - September 2023

- Automated deployment processes by writing PowerShell scripts for system provisioning and maintenance tasks

- Managed Windows and Linux systems using Altiris and IBM BigFix platforms

- Generated and analyzed ServiceNow reports using SQL queries to track system metrics and performance

- Performed Active Directory management and network troubleshooting (Layers 1-3)

- Conducted hardware diagnostics and maintained data center infrastructure

Junior Systems Administrator | Mission Critical Solutions, Inc | Beaverton, OR | September 2019 - August 2020

- Managed MySQL server backups and performed database troubleshooting

- Deployed Windows Admin Center server and maintained infrastructure

- Supported NextGen EHR system and troubleshot healthcare-specific software issues

- Migrated 100+ workstations from Windows 7 to Windows 10

Computer Specialist | Institute of Transportation at Iowa State University | Ames, IA | May 2016 - January 2019

- Designed and implemented SQL-based asset management database using MySQL

- Built full database schema including tables, queries, and reporting functionality

- Deployed and configured file servers, print servers, and workstations

- Provided technical support for research computing environment