

Kordell M. Schrock

Education

- 2024 **Gaming Innovation**, *University of Nevada, Las Vegas (UNLV)*,
Slot Machine Design.
- 2023 **Bachelors of Computer Science**, *Iowa State University (ISU)*,
Graduated: August, 2023, Minor in Data Science.
Cumulative GPA: 3.23, Major GPA:3.4
- 2016–2018 **Associates Degree**, *Marshalltown Community College (MCC)*,
Graduated: May, 2018.

Side Project

- 2023-Current **Slot Machine Prototype**.
Developed a functional slot machine prototype using a .NET backend to integrate all hardware components with a Unity-based game. Implemented animations in Unity with DOTween and scripted game object behaviors. Established real-time data communication between the backend and Unity to handle bill validation, ticket printing, and win tracking.

Professional Experience

- 2023-Current **Meskwaki Tribal Operations** *Tama, Iowa*.
IT Specialist overseeing secure network infrastructure, including firewalls, routers, and access controls—supporting over 350 devices and eight core switches. Manage system upgrades, daily troubleshooting, and equipment procurement with an annual IT budget of \$250K.
- 2023 **BMM Testlabs** *Las Vegas, Nevada*.
Testing Engineer collaborated on the certification of Class II and III slot machines across multiple jurisdictions. Tested platforms, SAS, meters, RNG math models, and hardware components including bill validators and printers. Gained hands-on experience with regulatory processes and the IGT Advantage backend system, analyzing data flow between servers and machines.
- 2022 **Workday** *Boulder, Colorado*.
Software Development Engineer Intern focused on data reliability and automation. Developed Python scripts to analyze and link related Jira tickets, enabling faster issue resolution and improving workflow efficiency for Data Analysts. Completed three data science projects leveraging Workday's Jira data to enhance system insights.
- 2021 **CodePath** *Summer Internship for Tech Excellence (SITE) Remote*.
As a SITE intern, I deepened my knowledge of full-stack web development with React and Node JS. I received mentorship from Workday's technology teams along with CodePath's mentors as well. Throughout the summer we completed five full-stack applications including a capstone. Our capstone was to build a website for a pizzeria.

603 E Grace Street, Toledo, Iowa – 52342

📞 +1 (507) 993 0709 • ✉ kordellschrock@gmail.com
🌐 kordellschrock.io • 🌐 kschrock • in Kordell Schrock

- 2021 **National Security Agency (NSA)** *Fort Meade, Maryland.*
As a Research & Engineering Intern, I completed mandatory training and developed an automated Metrics project that tracked software team performance using Python, JQL, CI/CD, and Kibana. The system used a private GitLab Runner to update dashboards monthly with new data, visualizing eight key metrics across teams. Additionally, I prototyped an Orbital VSAT Metrics program for real-time system health monitoring.
- 2020 **Leidos Scientific Research Company** *Summer Research Intern Remote.*
As an Intern, I worked on a Blockchain application that helps track the spread of Covid-19 to improve American healthcare, reduce healthcare care cost, detect Fraud, Waste and Abuse in Medicare Claims, improve clinical outcome and promote interoperability for researchers among related systems while protecting patient data sovereignty.
- 2019 **Stanford University College of Engineering** *Stanford, California.*
As part of the 17th Cohort of the Summer Undergraduate Research Fellowship (SURF), we conducted professional research at Stanford, specifically my research was within the Human-Computer Interaction Department. I enhanced the protocol of the Creative Drive Project, and we were able to run a pilot study. In addition, with this fellowship, our Cohort did a GRE Prep Course, Mentorship, Company visits within Silicon Valley, and Professional Development Workshops.

Computational Skills

- Unity
- C#
- R
- React/Node JS
- Windows Active Directory
- Mac OS/ iOS
- Java
- SQL
- Linux
- Javascript
- Python
- Chrome OS

Clearance and Certifications

- 2021 Current Clearance Top Secret//SI
- 2020 Polygraph
- 2020 Agency Special Background Investigation (SBI)

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