Andrew Van Hoveln

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EDUCATION
Illinois State University
- **Degree:** Bachelor of Science – Computer Science (August 2020 - December 2023)
- **Cumulative GPA**: 4.0
- **Relevant coursework:** Data Structures and Algorithms, Parallel Processing, Principles of Operating Systems, Theory of Computation, Principles of Software Engineering, Artificial Intelligence, Database Processing, Systems Development, Networking and Distributed Systems, Computer Hardware, Concepts of Programming Languages, and Computer Graphics

WORK EXPERIENCE
*BITCO Insurance Companies – **IT Infrastructure Intern** (*May – August of 2022 & 2023)
- Evaluated a manual business process and used Microsoft tools to automate the workflow.
- Deployed an Azure Function using Python to automate the updating of Palo Alto Firewall External Dynamic Lists.
- Worked with Senior Network Administrators to operate and support the network.
- Built networking performance monitoring dashboards on the SolarWinds Orion platform.
- Assisted in product evaluation for Cisco Meraki MR46 Access Points and MS350 PoE Switches.
- Adjusted HTML of the helpdesk splash page to go directly through single sign-on upon landing.

*Illinois State University – **Data Structures Grader** (August 2022 – May 2023)
- Graded coding assignments covering advanced data structures and algorithms in C++.
- Commented corrections and suggestions on student code using the code review extension in Visual Studio Code.
- Debugged student code to provide meaningful feedback.

*Illinois State University Athletics Study Center – **Math Tutor** (August 2021 – May 2022)
- Tutored students in math classes ranging from college algebra to calculus.
- Worked with the students through problem sets to improve their understanding of the material.
- Assisted with exam review to ensure the student was going over relevant materials.

*Full-Fill Industries, LLC – **Assembly Line Worker** (June 2019 – December 2021)
- Operated and performed maintenance on machines when they were not working properly.
- Trained incoming employees on different machines.
- Communicated with co-workers to ensure smooth assembly line operation.

TECHNICAL SKILLS
- **Programming Languages:** Java, Python, and C/C++
- **Programming Environments:** Linux and Windows
- **Databases:** MySQL and Oracle
- **Cloud:** Azure

PROJECTS
*Remind Me Reggie – **Java Reminder Application** (Fall 2023)
- Collaborated with a team to design, develop, and test a feature-rich Java reminder application.
- Utilized UML (Unified Modeling Language) to create detailed class, use case, and activity diagrams to guide the software development process.
- Employed an agile development methodology, continuously iterating, enhancing, and testing the app until it reached its final state.

EXTRACURRICULAR ACTIVITIES
*Illinois State Valorant RSO – **Vice President / Varsity Player** (Fall 2020 – Fall 2023)
- Conducted biweekly meetings to develop a club around the game Valorant.
- Competed in many different collegiate leagues and tournaments.
- Developed teamwork, communication, and problem-solving skills playing with a team of 5.