

# Jakob Berentsen

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## EDUCATION

Associate of Science

Bachelor's of Science: Computer Science

Master's of Science: Cybersecurity and Information Assurance – *In progress*

Grays Harbor Community College, 2017

Western Governors University, 2023

Western Governors University, 2028

## CERTIFICATIONS

CompTIA Network+ - In Progress

CompTIA Security+

CompTIA Project+

EC-Council Digital Forensics Essentials

ITIL 4 Foundations

Qualys Vulnerability Management Detection and Response

Google Cybersecurity Certificate

Vocera Voice 5 System Administration

## PROJECTS

**Project:** Building a SOC + Honeynet in Azure

**Source:** <https://github.com/JohnnyHackz/Azure-SOC>

**Skills and Technology Used:** Azure Virtual Machines, Microsoft Sentinel (SIEM), Log Analytics

**Project:** Appointment Scheduling Application

**Source:** <https://github.com/JohnnyHackz/ScheduleApplication>

**Skills and Technology Used:** Java, Data Analysis, Object Oriented Programming, Application Design, Front and Backend Development

**Project:** Inventory Management System

**Source:** [https://github.com/JohnnyHackz/Inventory\\_Management\\_System](https://github.com/JohnnyHackz/Inventory_Management_System)

**Skills and Technology Used:** Java, JavaFX, Data Management, Software Design and Development

**Project:** Package Delivery Application (Data Structures and Algorithms)

**Source:** [https://github.com/JohnnyHackz/C950\\_Project](https://github.com/JohnnyHackz/C950_Project)

**Skills and Technology Used:** Python, Data Structures, Algorithms

**Project:** Artificial Intelligence Capstone Project

**Source:** [https://github.com/JohnnyHackz/Capstone\\_Project](https://github.com/JohnnyHackz/Capstone_Project)

**Skills and Technology Used:** Machine Learning, Data Analysis, Jupyter Notebook, SQL, Python, Scikit-learn

## EXPERIENCE

**Company:** Summit Pacific Medical Center

**Title:** Clinical Systems Specialist

7/2025 - Present

- Provide administration, management, and support for clinical-based technology systems to enhance patient care and operational efficiency.
- Manage change control workflows, system updates, testing, and stakeholder communications to ensure smooth technology adoption and compliance.
- Assist in system administration, networking, and cybersecurity management, contributing to organizational resilience and uptime.
- Collaborate with providers, nursing staff, IT teams, and vendors to integrate and optimize technology solutions that support clinical workflows.
- Develop and deliver training materials, documentation, and process improvements to ensure consistent use of systems across departments.
- Investigate security vulnerabilities, evaluate remediation options, and develop prioritized mitigation plans aligned with best practices.
- Analyze system performance and recommend technical and process improvements aligned with informatics best practices.
- Support the administration of access control and identity systems, aligning Active Directory security groups with door access and clinical systems integration.
- Provide ongoing end-user support and serve as a liaison between technical teams and clinical departments to improve communication and issue resolution.

**Title:** IT System Coordinator

10/2024 - 7/2025

- Configured, installed, and monitored MindRay telemetry devices and eKinnex batteries, enabling real-time monitoring and improving equipment lifecycle management.
- Vocera infrastructure build-out, ensuring seamless communication and providing training to enhance adoption and efficiency.
- Researched and implemented cybersecurity mitigations for Rapid7 penetration test findings and eliminated critical AD CS vulnerabilities, improving security posture.
- Served as a consultant for MUSE and ELI cart projects, optimizing SQL queries and improving data workflows.
- Coordinated EMR governance workflows and change control processes, ensuring compliance with healthcare standards such as HIPAA.
- Designed and implemented system integration connecting Active Directory and Galaxy badge access system to automate identity lifecycle management. Ensured terminated employees have badge access revoked via AD, and enabled automatic provisioning of new hires with role-based badge access based on AD security group mapping.
- Developed training materials, policy updates, and documentation to support system operations and cross-departmental initiatives.
- Partnered with clinical staff, IT teams, and vendors to implement system enhancements and improve departmental processes.
- Recommended and implemented technological improvements to enhance operational efficiency and governance frameworks.

**Company:** Twin Harbor Technology Solutions

1/2023 - 11/2024

**Title:** IT Lead Technician and Security Specialist

- Developed a cybersecurity risk assessment and cost-benefit analysis for various vendor products and clients.
- Implemented and managed email security solutions and SIEM environments.
- Conducted network monitoring and Microsoft 365 administration.
- Installed and configured firewalls.
- Implemented PCI DSS compliance requirements, developed an incident response plan, and assisted in the

implementation of new policies and procedures.

- Decommissioned and installed new Fortinet network switches and access points.
- Audited PCs, configured new laptops, installed applications, and synced user data for NFI Industries.
- Installed, configured, and updated software and hardware components to meet organizational needs and keep the IT infrastructure up to date.
- Resolved technical issues involving network connectivity, system crashes, and hardware malfunctions, providing timely and accurate support to end users.

**Company:** Log(N) Pacific

4/2024 - 10/2024

**Title:** Cyber Security Support Engineer (Intern)

- Implement secure cloud configurations using Azure Private Link, Network Security Groups, Microsoft Defender for Cloud, and Azure Regulatory Compliance for NIST 800-53, PCI DSS, and HIPAA/HITRUST, resulting in a reduction in security incidents over the same time interval
- Troubleshoot and support Microsoft Azure services, including Microsoft Sentinel (SIEM), Virtual Machines, Azure Monitor, and Azure Active Directory, resolving issues each week
- Develop KQL queries to support Log Analytics workspace and Microsoft Sentinel, resulting in new SIEM dashboards and workbooks

**Company:** Right Hook Fitness

5/2018 - 12/2023

**Title:** Personal Trainer

- Developed and implemented individualized fitness plans and guided clients through workouts focusing on achieving health and fitness goals.

**Company:** YMCA of Grays Harbor

5/2016 - 5/2018

**Title:** Fitness Center Associate

- Provided customer service and support, ensured customer safety, and provided personal training services.

**Company:** FGM Construction and Development, Inc.

09/2015 - 05/2016

**Title:** Maintenance and Laborer

- Performed maintenance and various construction-related tasks necessary for project completion.

**Company:** ServPro

01/2015 - 09/2015

**Title:** Crew Boss

- Managed and delegated work to a team on job sites to ensure efficiency and effectiveness.

**Company:** Lakeside Industries

01/2014 - 01/2015

**Title:** Laborer

- Engaged in paving and patching of parking lots, highways, and roads, including tasks related to laying asphalt.

## VOLUNTEER WORK

**Company:** JAB Club

2017 - 2021

- Created and coached an at-risk youth boxing program that instilled morals and values in troubled teens. Years later, a teenager made contact to say that this program had saved his life.

**Company:** Stevens Elementary School

01/2024 - 03/2024

- Taught basic coding skills in an 11-week robotics course for kindergarten-5th-grade students.

## SKILLS AND TECHNOLOGIES

**Systems & Infrastructure:**

Windows 10/11 | macOS | VMware ESXi | Virtual Machines | Virtual Networks | Active Directory | Group Policy | File Permissions | Azure Cloud | Network Security Groups | Firewalls | ACLs | VPNs | Cloud Computing | Server Administration

**Clinical & Enterprise Systems:**

Vocera | Mindray | Workday | Galaxy Access Control | EMR Governance | Change Control Management | Healthcare Informatics | Clinical Systems Support | HIPAA Compliance

**Cybersecurity & Compliance:**

SIEM (Microsoft Sentinel) | Incident Response | Vulnerability Management | NIST 800-53 | PCI DSS | HIPAA | Cloud Security | Threat Detection | Digital Forensics | Qualys VMDR

**Programming & Development:**

Python | Java | JavaFX | SQL | Machine Learning | AI/ML Deployment | Data Analysis | Application Design | Software Development | DevOps Practices

**Automation & Productivity Tools:**

Power Automate | Power Apps | SharePoint | Microsoft Teams | Microsoft Office Suite | Excel | Word | Jira | Ticketing Systems | Project Management | Remote Collaboration

**Professional Strengths:**

Troubleshooting | Process Improvement | Data Visualization | Documentation | Technical Communication | Leadership | Time Management | Customer Service