

# Jake Hempel

✉ [jakehempel@gmail.com](mailto:jakehempel@gmail.com) 🌐 [jakehempel.us](http://jakehempel.us) in [jake-hempel](https://www.linkedin.com/company/jake-hempel)

## Experience

---

SPS Technologies (Precision Castparts Corp) – Systems Administrator/Network Administrator[April 2021 - Current]

- Oversee all IT operations and projects for two 24/7 facilities, supporting 500+ endpoints and 40+ servers hosting mission critical factory applications.
- Utilize Splunk, Solarwinds, Lansweeper, as well as other SIEM and monitoring software to identify and fix security vulnerabilities.
- Ensure IT department is compliant with internal SOX auditing and information security policies.
- Member of division LAN team; conducting routine network engineering tasks, maintaining SolarWinds network inventory, and participated in corporation wide network segmentation effort utilizing Wireshark packet capture software.

PTS Data Center Solutions – Jr. System Administrator [August 2019 - April 2021]

- Oversaw the IT operations of 4 SMB's, with mixed Windows, Linux, and VMWare vSphere environments.
- Primary security engineer, worked under guidance of information security partner to remediate vulnerabilities and conduct incident response as primary company contact.
- Ensured compliance with backup SLA's for all customers via Veeam Backup and Replication.
- Provided tier 3 help desk support for customers troubleshooting server and desktop issues.

Passaic County Prosecutor's Office – Homeland Security and Intelligence Unit [May 2018 - August 2018]

- Conducted open source intelligence gathering on behalf of the unit.
- Developed and implemented internal case docket management system utilizing Drupal CMS.
- Assisted Urban Area Security Initiative with developing a training platform utilizing Moodle LMS.

Rutgers Digital Classroom Services – Build Team/Support Specialist [April 2017 - May 2019]

- Following wiring diagrams, ensured all components were properly connected and tested, as well as spliced custom cables.
- Assisted with two summer wide infrastructure overhauls for all 5 of Rutgers New Brunswick's campuses, being involved with over 80 podium demolitions and reconstructions.
- Provided campus-wide end-user technical support and training for DCS podiums in 5 lecture halls.

## Education

---

### University

**Rutgers University - New Brunswick, NJ**  
**Major** Information Technology and Informatics  
**Minor** Critical Intelligence Studies minor  
September 2015 – May 2019

### Certifications

Juniper Networks JNCIA - March 2023

## Skills

---

### Infrastructure

**Operating Systems** Windows, Windows Server (2008, 2012, 2016, 2019), Linux (Debian, Ubuntu, Kali, Raspian, CentOS), Unix, macOS, Android

**Server Software** Apache2, Nginx, Samba, Active Directory, Microsoft Exchange, Dell Wyse Management Suite

**Virtualization** vSphere Suite (ESXI 6.0-7.0, vCenter, vCloud Director), VMware Horizon, VirtualBox, Docker

**Networking** Juniper(Junos OS, EX Series switches, SRX Firewalls), pfSense, OpenWrt

### Software

**Applications** Microsoft Office Suite, Git, PuTTY/SSH, Wireshark, Microsoft Deployment Toolkit, Veeam Backup and Replication, Splunk, Lansweeper, SolarWinds, Nessus, Ansible

**Content Management Systems** WordPress, Drupal, Moodle, Jekyll

**Scripting and Programming** Python, Bash, PowerShell, Java, C++, HTML, CSS, Markdown, XML, L<sup>A</sup>T<sub>E</sub>X

**References available upon request.**