

# Jake Hempel

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## Experience

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

- Oversee all IT operations for 400+ Windows endpoint plant while supporting 40+ Windows servers hosting mission critical factory applications.
- Assisted division security team to attain 100% compliance with corporate security and update policies.
- Ensure business' IT infrastructure is prepared for regular SOX auditing.
- Member of division LAN team. Assisted with keeping SolarWinds inventory up-to-date and assisted with division-wide network segmentation project.

### 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.
- Ensured compliance with backup SLA's for all customers via Veeam Backup and Replication.
- Provided tier 3 helpdesk support for customers troubleshooting server and desktop issues.
- Served as the security liaison and primary point of emergency contact with cyber security partner.

### 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]

- Build Team - Summer
  - 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.
- Support Specialist - Fall/Spring/Winter
  - Provided campus-wide end-user technical support and troubleshooting for DCS podiums in 5 lecture halls.
  - Provided training for teaching staff on how to use DCS podiums.

## Education

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Information Technology and Informatics major / Critical Intelligence Studies minor  
September 2015 – May 2019 Rutgers School of Arts and Sciences

## Skills

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### Infrastructure

**Operating Systems** Windows (XP, Vista, 7, 8, 10), Windows Server (2008, 2012, 2016, 2019), Linux (Debian, Ubuntu, Kali, Raspian, CentOS), Unix, macOS, Android

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

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

**Networking and Monitoring** Juniper JunOS (Juniper EX Series switches, Juniper SRX Firewalls), Splunk, Lansweeper

### Software

**Applications** Microsoft Office Suite (Word, PowerPoint, Excel, Outlook), Git, PuTTY/SSH, Wireshark, Microsoft Deployment Toolkit, Veeam Backup and Replication

**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.**