

# NICHOLAS KACHUR

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<https://kachur.me>  
<https://github.com/nicholaskachur>

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## SKILLS AND INTERESTS

Languages Python, C#, SQL, JavaScript, Swift, Ruby, Perl, Bash, Zsh, Fish  
Technologies Linux, macOS, Windows, Git & GitLab, Perforce, TeamCity, OctopusDeploy, Vim

## EXPERIENCE

*Susquehanna International Group, LLP*  
**Application Support Software Engineer**

*Bala Cynwyd, PA*  
**June 2020 – Present**

- Took ownership of an in-house order acknowledgement monitor and delivered new features.
- Saved a support team from frequently staying 2 hours after close with Python package automation.
- Fixed exceptions that taxed a support team's productivity in rarely updated C# .NET admin apps.
- Interpreted business requirements to deliver a clearing report of selected trading activity.
- Updated a decades old process to remove a dependency on generated files no one else was using.
- Proposed a knowledge share talk series within the team and presented on our migration to GitLab.

**Test Automation Software Engineer**

**January 2018 – June 2020**

- Prevented broken financial logic entering production by writing and investigating test automation.
- Reduced build system and deployment outages by responding to departmental help requests.
- Led virtual scrum meetings through video and text chats for a team of twelve.

*Apple Inc.*  
**Linux and vSphere Systems Architecture Co-op**

*Cupertino, CA*  
**September 2014 – March 2015**

- Drafted, tested, and documented a VMware vSphere upgrade to reduce outage risk for our users.
- Automated new server image deployment with VMware ESXi Kickstart and PXE-Boot scripts.

*Drexel University*  
**Assistant Linux Systems Administrator**

*Philadelphia, PA*  
**April 2014 – September 2014**

- Helped administer the Computer Science Department's hundreds of assets and user accounts.

## EDUCATION

*Drexel University, Pennoni Honors College*  
**Bachelor of Science in Computer Engineering**

*Philadelphia, PA*  
**June 2018**

## PROJECTS

**StreetSavvy Senior Design Project**

**September 2016 – May 2018**

- Developed a cartographic model of safety in San Francisco using open data in a three-person team.

## CERTIFICATIONS

**Mental Health First Aid Certificate**

**Valid thru June 2022**

- Learned basic interventions for mental health conditions like depression, anxiety, and psychosis.