

# NICHOLAS KACHUR

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

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## SKILLS AND INTERESTS

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

## EXPERIENCE

*Susquehanna International Group, LLP*

**Application Support Software Engineer**

*Bala Cynwyd, PA*

**June 2020 – Present**

- 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.
- Proposed a biweekly team knowledge share meeting 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.

**Test Automation Software Engineer Co-op**

**March 2016 – September 2016**

- Wrote a new, more maintainable core for our test automation framework that is still in use in 2021.

*Apple Inc.*

**Linux and vSphere Systems Architect 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**

- Served more than 400 students by helping administer the Computer Science Department's hundreds of computing assets, using Nagios, RackTables, and the RT Issue Manager.

## EDUCATION

*Drexel University, Pennoni Honors College*

**Bachelor of Science in Computer Engineering**

*Philadelphia, PA*

**June 2018**

## PROJECTS

**DoxaCal**

**February 2021 – Present**

- Creating a Python package to generate and display Orthodox Christian readings and celebrations.

**StreetSavvy**

**September 2016 – May 2018**

- Deployed a Python web app model of safety and risk in urban environments using open civic data.
- Wrote a Swift iOS app to natively display information from my teammates' existing web API.

*Last updated 2021-05-09.*