

NICHOLAS KACHUR

(+1) 412.508.1193
nicholas@kachur.me

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

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 *Bala Cynwyd, PA*
Application Support Software Engineer **June 2020 – Present**

- Saved a support team from frequently working 2 hours overtime 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. *Cupertino, CA*
Linux and vSphere Systems Architect Co-op **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 *Philadelphia, PA*
Assistant Linux Systems Administrator **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 *Philadelphia, PA*
Bachelor of Science in Computer Engineering **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.