

NICHOLAS KACHUR

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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

- Writing early-stage Orthodox Christian liturgical calendar utility in Python.

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.