

# NICHOLAS KACHUR

*Amiable Technologist*

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<https://kachur.me>

Phone Available Upon Request

<https://github.com/nicholaskachur>

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## SUMMARY

Seasoned software engineer seeking full stack roles involving a variety of impactful work. My projects have streamed millions of messages daily and directed resources to struggling students. I'm a passionate team player who actively fosters healthy work environments.

## SKILLS

Languages & Frameworks    Python (Django), SQL, JavaScript (jQuery), HTML, CSS, C#  
Development Tools            Git(Hub | Lab), CI/CD Tools, Ansible, Apache, SAML SSO

## EXPERIENCE

*University of Pennsylvania*

*Philadelphia, PA*

**Application Developer**

**October 2022 – Present**

- Built web apps that focus resources on struggling students, ensure consistent academic policy decisions, and present syllabi for course shopping in service of the engineering school's 5,000+ students and 500+ employees using Python, Django, and SQL.
- Informed personalized customer service and email marketing by connecting vendor tools with institutional data through custom integrations written in Python.
- Led stakeholder meetings with other departments and with students to learn their unique needs and translate them into technical solutions.
- Automated project deployments using Ansible configuration management across more than 50 individual targets and tasks, including Apache and SAML SSO configuration.
- Actively fostered a healthy team dynamic, e.g., by organizing informal weekly lunches.
- Promoted from grade B to C in February 2025 as recognition of increased impact.

*Susquehanna International Group, LLP*

*Bala Cynwyd, PA*

**Software Engineer**

**June 2020 – October 2022**

- Took ownership of a stock market activity monitor, completing its rollout to production and delivering new features in a Python project streaming millions of messages per day.
- Enabled timely and accurate assignment of 200+ business-critical stock market connections by implementing features and fixing bugs in C# management applications.
- Routinely reviewed teammates' code and incorporated feedback into my own.
- Automated business readiness reports using Python, SQL, and HTML/CSS emails.
- Responded to production incidents as part of a weekly, business hours support rotation.
- Informally mentored over a dozen student workers and junior teammates.
- Interviewed over a dozen student worker and junior candidates as part of two-person technical interview teams.

**Test Automation Software Engineer** **January 2018 – June 2020**

- Prevented software crashes and malfunctions in a risk-sensitive environment by writing 100s of integration tests and test cases as part of a larger, white-box suite.
- Investigated test failures, and either fixed them myself or filed detailed bug reports.
- Answered build system & CI/CD questions for a nearly 100-technologist department.

**Test Automation Software Co-op** **March – September 2016**

- Revised an integration testing harness to improve orchestration of 1,000s of test cases.

*Apple Inc.*

*Cupertino, CA*

**Systems Administration Co-op** **September 2014 – March 2015**

- Wrote virtual machine upgrade plans & automation for the Silicon Engineering Group.

**EDUCATION**

**B.S. in Computer Engineering**, *Drexel University, Philadelphia, PA* **2018**

**Non-Degree Courses in Psychology & Social Work**, *Multiple* **2019 – 2025**

**Mental Health First Aid Certified**, *City of Philadelphia, PA* **2019 – 2026**

**PROFESSIONAL DEVELOPMENT**

**Redmonk Monktoberfest Conference Attendee**, *Portland, ME* **2023 – 2026**