

Kathryn “Kat” Zavadil (she/her)

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EDUCATION

North Carolina State University (Raleigh, NC)

Bachelor of Science: Computer Science - Cybersecurity concentration

August 2020 - December 2024

Cumulative GPA: 3.3 / 4.0

- **Relevant Coursework:** Software Engineering, Computer Security, Intro to AI, Data Structures
- **Honors:** Cum Laude, University Scholars Program, Dean’s List

PROFESSIONAL EXPERIENCE

Digital Technology Intern - Carpenter Technology (Raleigh, NC)

May 2024 - August 2024

- SCRUM-mastered third-party agile software development for SAP web server
- Developed database management system for tracking integrity of steel plants and their assets
- Created Proof of Value and design for risk-tracking application using Microsoft PowerApps

Technical Support/Development Intern - Prometheus Group (Raleigh, NC)

May 2023 - August 2023

- Enhanced endpoints for communications between web/mobile applications and SAP
- Improved internal license key and audit processes by optimizing search algorithms
- Fixed bugs reported by customers and participated in debug calls

Teaching Assistant - NC State Department of Computer Science (Raleigh, NC)

August 2021 - May 2022

- Led labs of 15-30 students for CSC 111: Intro to Programming - Python once a week
- Analyzed code to grade hundreds of assignments, labs, projects, and exams
- Supported students one-on-one through weekly office hours

Intern - Pattern Health (Durham, NC)

May 2020 - July 2020

- Documented API endpoints for web applications
- Participated in daily stand-ups and manually tested bug fixes and features

SKILLS

Programming Languages: Java, C, ABAP, Python, Assembly, Visual Basic, Javascript, HTML

Software: GitHub, JUnit, SAP, OpenAI, MySQL, Hibernate, Maven, Adobe, Access, PowerApps, Confluence

Environments: Eclipse, Visual Studio Code, IntelliJ, Atom, SAP, Vim/CLI, Agile Development

Soft Skills: Leadership, Program Development, Conflict Resolution, Public Speaking, Communication

ACTIVITIES

Co-Captain - KPACK (Raleigh, NC)

May 2022 - May 2024

- Managed a 40+ member dance group by connecting with sponsors and outside organizations, running meetings, and supervising all executive board members
- Coordinated annual showcases of 20+ performances and 350+ attendees

Staff - World Cube Association (National)

June 2024 - Present

- Assists with running nationwide speedcubing competitions by scrambling puzzles, judging solves, and communicating with competitors and spectators