COURTNEY RIPOLL

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EDUCATION

North Carolina State University, Raleigh, NC
Master of Science, Computer Science, 2022

TECHNICAL SKILLS

Programming Languages: C++, Java, Python, Flask, React, HTML, Angular, CSS, TypeScript, JavaScript, C, C#, Dart
Operating Systems: Windows, Linux, MacOSX
Software Tools: Git, Node.js, Qt, QML, Bootstrap, Static Analysis Tools, SQL, Flutter
Other Skills: Agile, UI/UX design, Full-stack development, Web development, Project management

EXPERIENCE

Cisco Systems, Morrisville, NC
Software Engineer – Collaboration Endpoints, April 2021 – Present
- Design and implement customer-facing apps, widgets and other components for Cisco collaboration devices
- Learn and work with GUI infrastructure on Cisco collaboration device systems
- Build new and modify existing XAPI components for device configurations, commands, and statuses
- Work in application and module code to build and maintain features and other functional areas
- End-to-end feature development spanning on-device functionality and integration with other services, including Control Hub
- Part of development and support for new device features such as Hot Desking, Standalone navigator, Check in, Book ahead, and Macros + UI extensions for room scheduler

Cisco Systems, Morrisville, NC
Vulnerability Management Software Engineer, July 2019 – April 2021
- Redesigned user interfaces for existing web applications
- Lead a project for displaying operational metric data
- Automate important tasks to assist with team needs and to increase efficiency
- Part of support for an instance of the scanning infrastructure Qualys

Allscripts, Raleigh, NC
Software Developer Intern, May 2018 – August 2018
- Work on a full stack development project, utilizing ASP.NET Core.
- Partook in project management, code development, and agile/scrum processes

Teaching Assistant for Introduction to Computing - Java, Raleigh, NC
Teaching Assistant, August 2017 – December 2018
- Responsible for grading all class assignments and assisting students with assignments/problems/questions
- Held office hours once a week for in-person student aid

Automotive Development Group, Mooresville, NC
Data Entry Intern, June 2017 – August 2017
- Collect and input job application information into an online data source
- Design and generate company reports based on progress and requisitions
- Developed and designed a program to automate report generation and streamline the process

PROJECTS

User Interface Extensions & Macros for Cisco Collaboration Room Schedulers, 2025
Room Booking Book Ahead & Check In for Cisco Collaboration Panels and Desks, 2023 - 2025
Her Spark Website UI/UX, March 2021 - December 2023
Women's Sports New Hub React + Vite Web Application, December 2025 - Present
Spike's Rewritten Guide React Web Application, June 2018 – Present
PlanIt Angular Web Application for Fidelity Investments, January 2019 – May 2019

HONORS AND ACTIVITIES

Women in Science and Engineering RTP Chapter Lead, *Cisco*, 2025 - Present
Authenticated Check In Techniques for Meeting Spaces Defense Publication, June 2024
Founded Women's Community of Practice in Cisco's Devices Technology Group RTP, *Cisco*, June 2023 - Present
Her Spark Advisory Board – Advisory Board Member, *Her Spark*, 2022 - 2025
Women in Science and Engineering RTP STEAM Pillar Lead, *Cisco*, 2020 - 2025