

COURTNEY RIPOLL

courtney.t.ripoll@gmail.com | courtneyripoll.com

EDUCATION

North Carolina State University, Raleigh, NC

Master of Science, Computer Science, 2022

TECHNICAL SKILLS

Programming Languages: C++, Java, Python, Flask, ReactJS, HTML, Angular, CSS, JavaScript, C, C#, Ruby

Operating Systems: Windows, Linux/UNIX, MacOSX

Software Tools: Git, Node.js, Qt, QML, Bootstrap, Static Analysis Tools, Selenium, Cucumber, SQL

Other Skills: Agile, UI/UX design, Front- & Back-end development, Web development, Project management

EXPERIENCE

Cisco Systems, Morrisville, NC

Software Engineer – Collaboration Endpoints, April 2021 – Present

- Design and implement interface 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
- Part of development and support for new device features such as Hot Desking, Standalone navigator, Check in, Book ahead, and 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

Webex Hot Desking, 2021 - 2022

Expertiza Opensource Contributions, September 2020 – November 2020

Spike's Rewritten Guide ReactJS Web Application, June 2018 – Present

PlanIt Angular Web Application for Fidelity Investments, January 2019 – May 2019

HONORS AND ACTIVITIES

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 - Present

Women in Science and Engineering STEAM Committee Lead, Cisco, 2020 - Present

Women in Computer Science Member, North Carolina State University, 2015 - 2022