

KATHERINE COTTRELL

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EDUCATION

DUKE UNIVERSITY

Durham, NC

Bachelor of Science in Computer Science

Coursework focused on leveraging automation and complex technical concepts into practical business solutions for excellence in enterprise. Heavy focus on collaboration and communication. Complemented by studies in the arts and humanities, fostering cultural awareness, critical thinking, and effective connection. Extracurricular: MIT Women's Technology Program, Rhodes iiD Graphic Design, Duke Machine Learning

EXPERIENCE

ASML | GLOBAL SEMICONDUCTOR INDUSTRY SUPPLIER

Wilton, CT

Program Management, Team Leadership, & Development, 2022 - Present

- ♦ Team lead for outsourcing, managing over 120 codevelopers and a multi-million-dollar budget.
- ♦ Managed a departmental onboarding program, intern advocacy program, and team operations.
- ♦ Led a 14-person team that planned and executed large-scale events for up to 400 guests.
- ♦ Created and populated a centralized department knowledge management repository and KM series.
- ♦ Collaborated on department initiatives to constantly improve product quality and way of working.
- ♦ Worked with engineering, product, and cross-sector stakeholders to deliver integrated solutions.
- ♦ Designed, developed, and delivered quality code on time, within budget, and to project specifications.

NEXTECH SYSTEMS, LLC

Tampa, FL

Internship, Summer 2021

- ♦ Worked with a team of senior developers to develop IntelChartPRO, a specialized EHR software for intuitive streamlined ophthalmology charting and practice management.

SHORT BLOCK TECHNOLOGIES, INC.

Clearwater, FL

Data and Web Maintenance, 2021

- ♦ Expedited site operations by writing scripts to automate inventory and database management.
- ♦ Used JavaScript and Miva eCommerce to develop and maintain multiple company websites.

DATA+ RHODES INFORMATION INITIATIVE AT DUKE UNIVERSITY

Durham, NC

Data Analysis & Visualization, 2019 - 2020

- ♦ Partnered with graduate data scientists to develop interactive R Shiny web applications enabling users to visualize relationships and trends in over 50 years of large datasets using R and OCR tools.

SKILLS

Management skills: Strategic planning, cross-functional team leadership, event coordination, project management, knowledge and learning, stakeholder communications, workforce development, budgeting

Project tools and practices: Agile, Scrum, Kanban, Six Sigma, Jira/Atlassian, MS Planner & Project, SAP

Collaboration: Teams/Slack, Microsoft 365, Google Workspace, Copilot, SharePoint, Confluence, Miro

Technical: C, C++, Excel, Git/GitHub, HTML/CSS/JavaScript, Java, Linux, MATLAB, Python, R, Tableau