

Carolyn Ryan

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Summary

Ambitious student who has completed coursework in the fundamentals of computer science and mathematics. Possesses strong interpersonal skills and a desire for a career in software development. Intimate knowledge of project management, quality assurance, and continuous integration. Detail-oriented with strong technical skills and the ability to learn concepts quickly.

Experience

Computer Science Grader, Carleton College, Northfield MN

January 2017 to Present

I've graded several Computer Science classes, including Intro to CS, Software Design, and Organization/Architecture. I gained experience in understanding and evaluating different individuals' code and was able to work closely with the professors of the classes.

Computer Science Prefect, Carleton College, Northfield MN

September 2017 to December 2017

As a prefect I held twice weekly Intro to Computer Science review sessions where I prepared and teach material to provide supplemental instruction to around 10 students per session. Sessions are group discussions, question answering, worksheet review, and problem solving that will be helpful to the students' understanding of CS.

Software Engineering Intern, Tendril Inc., Boulder, CO

June 2017 to September 2017

At Tendril, I worked as part of a large team focused on designing a new product. My first code changes were in production within a week, which represents the fast paced summer season that the company undergoes. I learned about structuring code in an efficient manner, organizing databases for other's to be able to use easily, communicating with team members, and what it means to be a contributing member of a group.

Project Management Intern, Knowledge Factor, Boulder, CO

June 2015 to September 2015

I worked for the director of PMO and assisted her in organizing workers and researching Agile Principles, Scrum, and Kanban. I prepared a presentation on development strategies that I delivered to the whole company, including the CEO and all management. I learned communication skills, development tools and techniques, and management principles.

Education

Bachelor of Arts: Computer Science, Carleton College, Northfield MN

Expected June 2018

GPA: 3.7

Relevant coursework: Evolutionary Intelligence and Artificial Life, Computer Security, Natural Language Programming, Linear Algebra, Mathematical Structures, Programming Languages, and Data Structures. Senior Capstone project on campus wide energy usage and data maintenance.

Aquincum Institute of Technology, Study Abroad in CS, Budapest, HU

December 2016

Relevant coursework: Theory of Computing, Combinatorial Optimization, Mobile Software Development, and IT Entrepreneurship

Skills/Accomplishments

- **Languages:** Java, Python, HTML/CSS, Unix/Linux, SQL, C, Scheme
- **Programs:** Energy Analytics Capstone, Scheme Interpreter, Crossword Genetic Algorithm, Android Application for Money Tracking, Exoplanet Search WebApp, CarlCash WebApp, Various Small Games
- **Other:** Entrepreneurial experience, Girls Who Code club, Git Experience