

CAROLINE CLANCY

Yonkers, NY | Madison, WI
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Education

UNIVERSITY OF WISCONSIN - MADISON

Sept. 2015-May 2019 (expected)

- Pursuing a Computer Sciences B.S., an Education & Educational Services Certificate, and a Mathematics Certificate
- Related coursework: CS 302: Intro to Programming, CS 367: Intro to Data Structures, CS 354: Machine Organization and Programming Math 171 & 217: Calculus with Algebra and Trigonometry, Math 222: Calculus and Analytic Geometry, Math 240: Discrete Mathematics

Skills

TECHNICAL

- MVC framework web development, Java, Python, Ruby, JavaScript, HTML, CSS, SAPUI5, Sinatra, JSON, jQuery, C, Bootstrap, Git

Experience

BANK OF AMERICA

June 2017 to Present

Global Technology Developer Summer Analyst

Charlotte, NC

- Currently in Control Function Technology on the SAP team working on improving and implementing features of an application that is projected to cut developers' programming time by 30 percent

UW-MADISON COMPUTER SCIENCES DEPARTMENT

Sept. 2016 to Present

Wisconsin Emerging Scholars-Computer Science Peer Instructor

Madison, WI

- Leading a 2-hour discussion section of 12 Intro to Programming students once a week, going through exercises to help them better understand the material taught in lecture

MICROSOFT

Feb. 2017 to May 2017

Surface Student Ambassador

Madison, WI

- Demoed the Surface Book device to at least 20 students per week through peer-to-peer conversations, campus organization announcements, and leading DoIT Tech Store staff training sessions

GOOGLE

July 2016-August 2017

CodeU Participant

Madison, WI

- Participated in Google's CodeU, an invite-only program for high potential undergraduate students to practice and strengthen their programming skills through Learn.co's Java curriculum
- Self-taught Java web development and built a Wikipedia search engine using Redis/Jedis, Apache Tomcat, Java servlets, bootstrap, HTML, and CSS

Computer Science Summer Institute Participant

New York, NY

- Learned and practiced web development skills over the course a three-week intensive program
- Worked on the backend and the Spotify API integration of jam-cssi.appspot.com, an web application that allows users to collaboratively make a playlist and vote for which songs get played first using Python, Google App Engine, Spotify's API, JavaScript, jQuery, HTML, and CSS

FLATIRON SCHOOL

Sept. 2014 to June 2015

Surface Student Ambassador

New York, NY

- Assisted teaching the Intro to Software Engineering course of 20 high school students
- Helped students work through coding labs that taught them Ruby, Sinatra, HTML, and CSS as well as a final project

RailsConf 2015

Atlanta, GA

- Programmed a drone to "dance" with two Flatiron peers and demoed it to an audience of about 1,500 at RailsConf 2015 with keynote Sara Chipps (CEO of JewelBots)

Intro to Software Engineering & Advanced Software Engineering Classes

New York, NY

- Selected out of 200 students to participate in the eleven-member Student Advisory Board
- Appeared on Good Day New York with three Flatiron School classmates to demonstrate a drone flight
- Learned programming tools such as Ruby, Sinatra, bootstrap, HTML, and CSS and used these tools to create <http://monogram-maker.herokuapp.com> and a web application that searched iTunes, Netflix, and Google Play for a user's television show preferences using iTunes, Netflix Roulette, and Google Play APIs

Extracurricular Activities

KAPPA ALPHA THETA FRATERNITY

- Currently a member of Kappa Alpha Theta, which upholds the motto "Leading women" by encouraging sisters to pursue scholarship, leadership, and service opportunities