

# CAROLINE CLANCY

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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 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](http://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