

SAMANTHA LEE

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EDUCATION

RUTGERS UNIVERSITY

Sept 2018 - May 2022

- > B.S. in Computer Science
- > B.A. in Cognitive Science
- > GPA: 3.9 / 4.0
- > SAS Honors Program
- > Douglass Residential College
- Computer Science LLC

SKILLS

- > **Programming:** Java, JavaScript, Bootstrap, HTML, CSS, JSON, C, SQL
- > **Software:** Sequel Pro, Eclipse, Atom, MS Word, MS Excel, MS Powerpoint, Adobe Photoshop, Adobe Illustrator
- > **Languages:** Proficient in French
- > **Management:** Tumblr Blog (14k+ followers)

COURSEWORK

- > Data Structures
- > Calculus I, II
- > Biology I, II, Lab
- > Scientific Research
- > Intensive French Grammar

EXPERIENCE

RESEARCH ASSISTANT

InfoSeeking Lab | Jan 2019 - present

- > Develop a Chrome extension for Coagmento, a tool that facilitates the needs for designing and running a lab study
- > Collect browsing data via Javascript to analyze user behavior
- > Utilize MySQL and Laravel to organize clusters of data

GUEST SERVICE ASSISTANT

Rutgers University Student Centers | Sept 2018 - present

- > Respond to telephone and in-person requests for information about the campus, student centers, and events
- > Assist with events and programs via data entry, oral and written communication, troubleshooting, and more
- > Monitor the building for safety and security

LEADERSHIP

PUBLIC RELATIONS OFFICER

Douglass-DIMACS Computing Corps | Oct 2018 - present

- > Visit local middle schools to teach girls how to program
- > Lead workshops that introduce the basics of robotics and various languages
- > Create publicity materials and manage club website

GRAPHICS CHAIR

Rutgers Women in Computer Science | April 2019 - present

- > Design club graphics and develop brand image
- > Encourage a strong sense of community, involvement, and career growth
- > Plan, organize, and market HackHERS, an annual women-centric hackathon

PROJECTS

INFIX EXPRESSION SOLVER

Spring 2019

- > Built calculator to evaluate infix expressions in Java
- > Utilized recursion, stacks, and other data structures

CHROME EXTENSIONS

Summer 2019

- > Built Chrome extensions from scratch
- > Implemented various Chrome APIs
- > Developed various tools to assist users in daily situations

POLYNOMIAL CALCULATOR

Spring 2019

- > Built calculator that creates, adds, and multiplies polynomials in Java
- > Utilized linked lists to compute and display results

TUMBLR THEMES

Summer 2018

- > Developed functional themes for Tumblr blogs in HTML and CSS
- > Designed appealing and intuitive user interfaces

MAZE SOLVER

Spring 2018

- > Programmed an interactive maze solver in Java
- > Applied object-oriented programming and recursion to solve generated maze

TWITTER BOTS

Spring 2018

- > Built automated Twitter bots in Python
- > Utilize various Twitter APIs and Python libraries