

# 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
- > DIMACS-Douglass Computer Science Living-Learning Community

## SKILLS

- > **Programming:** Java, JavaScript, jQuery, Bootstrap, HTML, CSS, JSON, C, MySQL, Python
- > **Applications:** Eclipse, Laravel, Sequel Pro, Github, Chrome Developer Tools, Adobe Photoshop, Adobe Illustrator
- > **Languages:** Proficient in French
- > **Management:** Tumblr Blog (14k+ followers)

## COURSEWORK

- |                       |                         |
|-----------------------|-------------------------|
| > Data Structures     | <i>Fall 2019:</i>       |
| > Calculus I, II      | > Discrete Structures I |
| > Biology I, II, Lab  | > Computer              |
| > Scientific Research | Architecture            |
| > Intensive French    | > Linear Algebra        |
| Grammar               |                         |

## EXPERIENCE

### RESEARCH ASSISTANT

InfoSeeking Lab | Jan 2019 - present

- > Develop software that helps researchers design and run user studies
- > Build a Chrome Extension that collects browsing data and information seeking behaviors in Javascript
- > Employ MySQL and Laravel to organize streams of data
- > Extract features from browsing data in Python for downstream machine learning

### 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

- > Teach young girls how to program at local middle schools
- > 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
- > Foster a strong sense of community focusing on 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

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

### POLYNOMIAL CALCULATOR

Spring 2019

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

### TUMBLR THEMES

Summer 2018

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

### MAZE SOLVER

Spring 2018

- > Created 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
- > Used various Twitter APIs and Python libraries