

SAMANTHA L. 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-DIMACS Computer Science Living-Learning Community

SKILLS

- > **Programming:** Java (Advanced); JavaScript, Bootstrap, HTML, CSS (Proficient); JSON, C, SQL, MATLAB (Basic)
- > **Applications:** Laravel, Sequel Pro, Github, Chrome Developer Tools, Adobe Photoshop
- > **Languages:** Proficient in French
- > **Management:** Tumblr Blog (14k+ followers)

COURSEWORK

- | | |
|-----------------------|-------------------------|
| Past: | Current: |
| > Data Structures | > Discrete Structures I |
| > Calculus I, II | > Computer Architecture |
| > Biology I, II, Lab | > Linear Algebra |
| > Scientific Research | |

AWARDS

- > Douglass GHC Scholarship recipient (Fall '19)
- > Dean's List (Fall '18, Spring '19)
- > Druskin Scholar (Fall '18 - present)
- > AP Scholar with Distinction (Spring '18)

EXPERIENCE

RESEARCH ASSISTANT

InfoSeeking Lab | Jan 2019 - present

- > Upgrade software that helps researchers design and run user studies
- > Build a Chrome Extension that collects browsing and information retrieval data in JavaScript to simplify behavioral research
- > Employ MySQL and Laravel to organize streams of data for easy accessibility
- > Extract features from browsing data in Python for downstream machine learning

PEER TUTOR

Rutgers University Learning Centers | Sept 2019 - present

- > Tutor fellow students in Introduction to Computer Science and Data Structures
- > Analyze student comprehension and accommodate learning styles to facilitate strong study behaviors
- > Conduct personalized one-on-one sessions to stimulate tutee engagement

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
- > Coordinate events and programs via data entry, oral and written communication, troubleshooting, and more
- > Monitor the building for security and ensure guest comfort and satisfaction

LEADERSHIP

PUBLIC RELATIONS OFFICER

Douglass-DIMACS Computing Corps | Oct 2018 - present

- > Teach girls how to program and apply mathematical skills at local middle schools
- > Lead individualized workshops that introduce the basics of various languages
- > Expand marketing by producing publicity materials and rejuvenating social media presence

GRAPHICS CHAIR

Rutgers Women in Computer Science | April 2019 - present

- > Design club graphics in Photoshop to fortify brand image and attract sponsors
- > Revitalize club's community with a focus on career growth and skill acquisition
- > Organize woman-centric hackathon and market to thousands on campus & online

PROJECTS

INFIX EXPRESSION SOLVER

Spring 2019

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

POLYNOMIAL CALCULATOR

Spring 2019

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

MAZE SOLVER

Spring 2018

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