SAMANTHA LEE

samantha.l.lee@rutgers.edu
LinkedIn / Github: SamanthaLLee
Website: samanthallee.github.io

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, SQL, 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
> Calculus I, II
> Biology I, II, Lab
> Scientific Research
> French Grammar

Fall 2019:
> Discrete Structures I
> Computer Architecture
> Linear Algebra

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 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
> Coordinate 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 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 and fortify brand image
> Revitalize club's community with a focus on career growth and skill acquisition
> Organize annual hackathon and market to thousands across campus and online

PROJECTS

INFIX EXPRESSION SOLVER
Spring 2019

> Constructed 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

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

CHROME EXTENSIONS
Summer 2019

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

TUMBLR THEMES
Summer 2018

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

TWITTER BOTS
Spring 2018

> Built automated Twitter bots in Python
> Used various Twitter APIs and Python libraries