

Samantha L. Lee

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EDUCATION

Rutgers University | New Brunswick, NJ

Sept 2018 - Expected May 2022

- ❖ B.S. in Computer Science, B.A. in Cognitive Science
- ❖ GPA: 3.9 / 4.0
- ❖ School of Arts and Sciences Honors Program
- ❖ Douglass-DIMACS Computer Science Living-Learning Community
- ❖ Coursework:
 - Past: Data Structures, Calculus I & II, Scientific Research, Biology I & II & Lab
 - Current: Computer Architecture, Discrete Structures I, Linear Algebra

EXPERIENCE

Research Assistant | InfoSeeking Lab

Jan 2019 - present

- ❖ Upgrade software that helps researchers design and run information retrieval studies
- ❖ Build a Chrome Extension that collects browsing data in JavaScript to simplify behavioral research
- ❖ Employ MySQL and Laravel to organize streams of data and allow for accessibility and readability
- ❖ 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 and maintain 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 safety and security and ensure guest comfort and satisfaction

LEADERSHIP

Public Relations Officer | Rutgers 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 robotics and 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 Adobe Photoshop to fortify brand image and attract sponsors
- ❖ Revitalize club's community with a focus on career growth and skill acquisition
- ❖ Organize annual women-centric hackathon (HackHERS) and market to thousands across campus and online

SKILLS

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

PROJECTS

Polynomial Calculator

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

Infix Expression Evaluator

- ❖ Created calculator to solve infix expressions in Java
- ❖ Utilized recursion, stacks, and other data structures to solve and print results

Maze Solver

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

Chrome Extensions

- ❖ Coded Chrome extensions from scratch
- ❖ Implemented Chrome APIs storage, tabs, and more
- ❖ Developed tools to assist users in daily situations

AWARDS

- ❖ Douglass GHC Scholarship recipient (Fall '19), Dean's List (Fall '18 - present), Druskin Scholar (Fall '18 - present)