

Sadie Garber

540.255.8121 | sadieegarber@gmail.com | github.com/segarber
[linkedin.com/in/sadie-garber-017b01174](https://www.linkedin.com/in/sadie-garber-017b01174)

Education

BACHELOR OF SCIENCE | MAY 2021 | JOHNS HOPKINS UNIVERSITY

- Double Major: Computer Science and Applied Mathematics & Statistics; Minor: Psychology
- GPA: 3.70/4.00
- CS Related Coursework: User Interfaces and Mobile Apps, Modern Cryptography, Introduction to Algorithms, Data Structures, Intermediate Programming, Computer Systems Fundamentals
- AMS Related Coursework: Introduction to Optimization, Automata and Computation Theory, Discrete Math, Introduction to Probability, Introduction to Statistics, Differential Equations

Experience

STUDENT INTERN | JOHNS HOPKINS INFORMATION TECHNOLOGY | JUN 2019 - PRESENT

- Assist with infrastructure upgrades and renovations for academic and residential networks by surveying current equipment, upgrading and configuring switches, and installing updated hardware.
- Interact directly with customers to troubleshoot network connection issues.

SPECIAL PROJECTS COORDINATOR | JOHNS HOPKINS ORIENTATION | FEB 2019 – AUG 2019

- Plan and execute over 100 full-scale events ranging from 100 to 3000 people, managing financial, logistical, and content details.
- Interface directly with incoming students and parents to solve problems and answer questions.

RESEARCH INTERN | CRETECH | NOV 2018 – MAY 2019

- Gathered public domain data from local governments used to train real estate assessment AI.

FLOAT TELLER | UNION BANK & TRUST | MAY 2018 – AUG 2018

- Completed transactions for personal and commercial customer accounts.

Selected Projects

- Currently building Collaborative Cookbook, an Android app that allows small groups to share, discuss, and communally edit recipes.
- Designed PlantTastic, simple messaging website that used weather data from API calls and message frequency to modify graphics in real time.
- Built several versions of a cache simulator that ran efficiently on millions of data and output heuristics about its performance.
- Implemented a fully functional skip list in C++, including unit testing and benchmarking, and built a front-end application for a fictional vehicle service center that utilized it.

Skills & Abilities

TECHNICAL SKILLS

- Significant experience in Java and C++ programming on Windows and Linux operating systems.
- Familiar with Android, HTML, CSS, Python, MATLAB, R, MySQL, and frameworks such as JUnit.
- Comfortable working on technical teams using Agile/Scrum methodology.