

Stella Gurin

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EDUCATION

Georgia Institute of Technology, Master of Science - MS, Computer Science **Aug 2022 – May 2025**
Specialization: Interactive Intelligence

University of Georgia, Bachelor of Science - BS, Computer Science **Aug 2018 – May 2022**

EXPERIENCE

FanDuel, Software Engineer **Sep 2023 – Present**
Concentrating on Java and Spring Boot for back-end development, in conjunction with SQL.

Honeywell, Software Engineer **Jun 2022 – Sep 2023**
Actively progressed the development of Niagara Cloud APIs utilizing Java, primarily focusing on seamless integration of the Spring JDBC core package, and PostgreSQL. This integration enables efficient querying and retrieval of essential data, facilitating the presentation of comprehensive device and service information to users.
Authored Java test cases to verify the functionality of the code and analyze its code coverage of an application that enables users to explore their data, considering factors such as their subscription, device UUIDs, and the duration of their usage of our Niagara Cloud services. The application provides statistics that can be displayed either on a daily or monthly basis.

Honeywell, Software Engineer Intern **May 2021 – Jul 2021**
Investigated debconf feasibility for Virtual Gateway setup. Designed a Bash script for prompt-based virtual gateway identity integration into Niagara framework. Enhanced setup script usability with a wizard-like, single-prompt approach. Incorporated mktmp for log file identification. Enabled prompt-less execution and verbose mode for forge connect setup. Collaborated with Agile team to boost software development effectiveness.

Web Programming, Full Stack Developer **Mar 2009 - May 2021**
Created numerous fully custom-made websites and projects utilizing **HTML**, **CSS**, and **JavaScript** and incorporating a backend system with **PHP** and **MySQL** database. Designed full-stack portfolios and sites for companies with features including allowing users to login and leave reviews or a profile.
Developed a direct communication with clients and visitors through an Internet Message Access Protocol (IMAP).
View my personal website www.stellagurin.com (*for more projects and other information*).

PROJECTS

ADT Unsorted List, ADT Sorted List, and ADT Queue (C++) **Feb 2021**
Designed, analyzed, and implemented generic reusable abstract data types.
Manipulated various data types in both unsorted and sorted lists using C++ with algorithms for their asymptotic behavior in terms of time complexity and space requirements.
Effectively handled data structures and their manipulating algorithms; with respect to run-time and space complexity, and to develop problem-solving skills required in the computer science paradigm.

Research Project (HTML5, CSS3, JavaScript, PHP, SQL) **Nov 2020**
Fully built a custom responsive-design UI/UX website.
The site is hosted on the University of Georgia server for a research team of PhD students from the Department of Education.
See university research project at neolib.uga.edu

iTunes Gallery App (Java, JSON) **Apr 2020**
Built a GUI application in **Java** using JavaFX 8 that displays a gallery of images based on the results of a search query from the iTunes Search API.
Employed images, threads, **JSON**, and the iTunes Search API to create a fully functioning, dynamic application.

Generic List ADT (Java) **Mar 2020**
Implemented a generic list interface `GenList<T>` that also provides some additional functionality.
Wrote code (**Java**) to use a linked list as the internal storage for data. Each node of the linked list utilizes a generic type object along with a pointer to another node of the same type.

Minesweeper Alpha (Java) **Jan 2020**
Developed a non-recursive, non-GUI version of the game, Minesweeper.
Wrote code (**Java**) to model recursive elements of Minesweeper that displays varying sizes of the board for the game.

SKILLS

Programming Languages: Java, C/C++, Python, SQL, Shell Script, JSON, Assembly, PHP, JavaScript, HTML, CSS

Operating Systems: Windows, Unix/Linux

Software/Tools: Git, Vim, Emacs, Eclipse, Ubuntu, Oracle VM VirtualBox, debconf, Debian GNU/Linux distribution, IDLE, Postman, pgAdmin, MySQL, PostgreSQL, Spring Boot, Gradle, Maven, Jira, Bamboo, OpenShift, Octopus Deploy, Coverity