

# SPENCER CHANG

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## EDUCATION

### University of Georgia

Bachelor of Science in Computer Science

Cumulative GPA: 3.63 / 4.00

HOPE Scholarship Recipient, Dean's List

Athens, GA

Aug 2020 - May 2024

## TECHNICAL SKILLS

**Programming Languages:** Java, JavaScript, HTML/CSS, C, C++, MIPS

**Developer Tools:** Svelte JS, React JS, Node JS, MongoDB, Postman API, UNIX, Emacs, VS Code, Git, JavaFX, MATLAB, Jira, Bitbucket, Zeplin, Blue Jay IDE, Eclipse IDE, QtSpim

## EXPERIENCE

### E-commerce Front-End Developer Intern

HD Supply

Atlanta, GA

May 2023 - July 2023

- Developed a business reports page that is being deployed into production on the HD Supply website.
- Utilized Svelte JavaScript Framework, CSS, and HTML to develop a dynamic single-page application.
- Explored Agile methodologies and learned Scrum/Kanban project management frameworks.
- Collaborated with Project Managers, Developers, UX designers, Quality Assurance, Scrum Master, and Data Analytics.
- Used Jira, Zeplin, and Bitbucket to communicate project requirements and workflow.

### Human Resources Information Technology Analyst Intern

HD Supply

Atlanta, GA

May 2023 - July 2023

- Identified and recommended a potential \$3-7 million dollar vendor solution to stakeholders.
- Built a ranking evaluation tool in Excel to determine vendor solutions based on requirements met.
- Assisted in the preparation for migrating to a new time/labor software management system.
- Performed system clean-up on scheduled report processes on a list of over 19,000 terminated employees.
- Documented data on over 57 accrual profiles, 63 accrual policies, and 15 accrual grants within Kronos System.
- Conducted data analysis and recommendations by defining key data points for RFI and RFP documents.

## PROJECTS

### Movie Watchlist | JavaScript, HTML/CSS, React JS, Node JS, API

Marietta, GA

June 2023

- Designed and implemented a front-end movie watchlist application in React JS.
- Incorporated a movie database API that allows users to search the title of any movie.
- Implemented card components to allow users to dynamically add and remove movies to a watchlist.
- Utilized React Router to handle client and server-side routing in a single-page application.

### ReadEase Book Rating | JavaScript, HTML/CSS, React JS, Node JS, MongoDB, Postman API, Git, JWT

Athens, GA

May 2023

- Collaborated with a team to develop a full-stack book rating application in React JS.
- Incorporated React JS front-end with Node JS backend and persisted data within MongoDB.
- Utilized CRUD operations to create a single-page application.
- Integrated authentication and authorization log-in using JSON Web Tokens.

### Classic Snake Arcade Game | Java, JavaFX, Git, UNIX

Athens, GA

December 2021

- Designed and implemented a Classic Snake Arcade game application in UNIX.
- Navigated through the Javafx library to create an animated GUI that simulates a moving snake.
- Utilized 6 classes totaling over 500 lines of code.

## COURSEWORK

Introduction to Computing and Programming, Software Development, Systems Programming, Discrete Mathematics, Computing Ethics and Society, Data Structures, Introduction to Theory of Computing, Introduction to Computational Science, Web Programming, Computer Architecture and Organization