

NICOLE CHUNG

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EDUCATION

University of Georgia - Bachelor of Science in Computer Science, Bachelor of Arts in Sociology, 3.87 December 2024

TECHNICAL SKILLS AND LANGUAGES

Skills | Java (Proficient), HTML (Intermediate), CSS (Intermediate), JavaScript (Intermediate), C (Beginner)

Languages | English (Native), Korean (Fluent)

COURSEWORK

Software Development

- Mastered software development techniques in Java that emphasized object-oriented design, systems methods, top-down design, testing, modularity, and structured technique

Data Structures

- Gained a comprehensive understanding of data structures, such as lists, stacks, queues, trees, graphs, and their associated algorithms for sorting and searching, time and space complexities, and algorithm design strategies

Human-Computer Interaction

- Achieved a specialized knowledge of user-centered design techniques through a team-based project where we identified a unique problem within a specific domain, conducted user interviews, and applied insights to develop and test prototype solutions

PROJECTS

Budget Tracker July 2023

Link: budget-tracker-nicolechung01.netlify.app

- Designed and implemented a responsive budget tracking web application, using HTML, CSS, and JavaScript, that enables users to manage their finances by tracking income, expenses, and expense categories with budgets
- Utilized modular JavaScript code to dynamically update balances, progress bars, and remaining budgets in real-time

City Zip Weather App April 2023

GitHub: github.com/nicolechung01/City-Zip-Weather

- Developed a JavaFX application that leverages external APIs to provide users with real-time weather data and geographic information

Itunes Gallery April 2023

GitHub: github.com/nicolechung01/Itunes-Gallery

- Engineered a dynamic JavaFX application that is an interactive image gallery that retrieves and displays artwork from the iTunes Search API.
- Leveraged API integration, GUI design, multithreading, JSON parsing, and error handling to build an application with an intuitive user interface and a seamless experience

LEADERSHIP

Executive Board Member | Georgia Commitment Scholarship July 2021 - May 2022

- Collaborated with other board members to plan and execute successful coordination of semesterly cultural, academic, and social events to foster a diverse and inclusive environment, enhance academic growth, and facilitate networking and community-building among scholars
- Served as the primary liaison between the scholarship program administration and the scholars by sharing important information, updates, and announcements related to upcoming scholarship events and available resources
- Hosted a successful monthly reading club for scholars, promoting intellectual engagement, interdisciplinary discussions, critical thinking, and fostering a strong sense of community and personal growth within the Georgia Commitment Scholarship program