Lilli Toone

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Education

Computer Science Major   September 2021 ~ June 2025
Informatics/Nutrition Minor
University of Washington

Leadership Experience

Management, Section, Infrastructure Teaching Assistant Leader   June 2022 ~ Present
Paul G. Allen School, UW

- Led sections of 25 students in weekly classes, repeated over 4 quarters. Communicated with students for individual tutoring sessions. Encouraged email and office hour participation.
- Created slide decks and teaching materials for other teaching assistants to use in weekly sections.
- Graded final exam, worksheet exercises, student videos, and projects.
- Answered online discussion questions about debugging, abstract data types, object oriented programming, and course logistics.

Work Experience

Head Teaching Assistant, Data Structures and Algorithms   June 2022 ~ Present
Paul G. Allen School, UW

- Presented weekly teaching schedule, grading schedule, section agenda. Led weekly staff meetings.
- Coordinated class logistics with course infrastructure team, community-building team, and instructor.
- Reorganized project specifications on course website. Recorded videos of project specification walkthroughs.
- Built staff and student feedback systems.

Projects

Online Thrift Store   April 2023 ~ June 2023

- Collaborated with one other developer to create full-stack thrifting website
- Implemented filtering, login, posting, buying, transaction history, and cart features
- Maintained inventory data on an SQLite server

Flight App   April 2023 ~ June 2023

- Created back end searching feature for relational database application
- Queried for itineraries in SQL given a dataset of flight information

Campus Paths   January 2023 ~ March 2023

- Created a full-stack GUI for finding the shortest path on a map between two buildings
- Implemented Java backend, React and Typescript front end
- Identified script and Junit test cases

Key Skills

- Java
- SQL
- React/JavaScript
- CSS/HTML

Related Courses

- Software Design and Implementation
- Data Structures and Algorithms
- Introduction to Data Management
- Web Programming

Awards

University of Washington

- Dean's List