Robert J. Forwerck

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Work Experience

Graduate Teaching Assistant at Georgia Institute of Technology (Cognitive Science) August 2022 - Present
-Duties: create assignments; grade assignments; facilitate class discussion
-Recipient of Teaching Assistant Spotlight award (March 2023)

CSA and Desktop Applications Developer at Gentle Care Cleaners   September 2016 - March 2020
-Develop and maintain applications to manage tailoring appointments and garment inventory
-Fostering genuine, substantial, and unique relationships with regular customers

Education

Georgia Institute of Technology, Atlanta, GA
M.S. in **Computer Science**   December 2023
Specialty: **Interactive Intelligence**

North Carolina State University, Raleigh, NC
Post-Baccalaureate **Certificate** in **Computer Programming**   May 2021

North Carolina State University, Raleigh, NC
B.S. in **Philosophy**   July 2016
B.S. in **Science, Technology, and Society**   July 2016
Specialty: **Bio-medical and Industrial Ethics**
Minor in **Biological Sciences**

Coursework: Bio-medical Ethics, Business Ethics, Industrial Ethics, Writing in Ethics, Scientific Method, Metaphysics, Epistemology, **Sentential and Predicate Logic**, Writing in Contemporary Philosophy, Writing in Ancient Philosophy, **Java OOP I**, **Java OOP II**, **Discrete Math**, **C Programming, Computer Organization and Assembly Language (8086), Operating Systems**, **Data Structures and Algorithms, Introduction to Information Security, Information Security Policies, AI Ethics, Cognitive Science, Computer Networks, Software Engineering, Software Architecture, Data Analytics and Security, Knowledge-Based Artificial Intelligence—Cognitive Systems, Artificial Intelligence**

Software Projects

Lease Manager (Java)
-Manages a set of fictitious leases, rental units, and clients to monetize a fictitious sky-scraper
-Utilizes **Singleton and Factory Design Patterns**, 22 classes, 4 interfaces, and all custom data structures

Software Development Issue Manager (Java)
-Manages bugs and enhancements in a program during its development life cycle
-Implements an FSM representation of issue states and transitions using **State Design Patten**

Book Genre Determiner (C)
-Compares words in a text file to genre-specific lists of words to determine the genre of a book
-Loads book words and genre-specific words into 2D char arrays and determines book genre by percentage

Appointments and Reminders Application (Python)
-Currently in production at Gentle Care Cleaners
-Developed with **Python**, **TKInter,** and **Twilio API** through an evolutionary prototyping process

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The Above and Additional Projects: robertforwerck.github.io
MBTI: INTP | Clifton Strengths: Ideation, **Restorative**, **Deliberate**, **Adaptability**, and **Relating to Others**