HANNAH MOORE

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RELATED EXPERIENCE

OCTOBER 2019 – NOVEMBER 2020

RESEARCH ASSISTANT, UNDER DR. CURRY GUINN, CHAIR OF THE COMPUTER SCIENCE DEPARTMENT AT UNCW

- Developing an advanced tactical decision-making simulator to provide an interactive, computer-based training environment for Customs and Border Protection agents to develop their skills in situational awareness and appropriate use-of-force.
- Created semantic grammars and augmented transition networks for the natural language processing/artificial intelligence engine to allow trainees to interact with non-player virtual characters (NPCs) through spoken conversations.

TECHNICAL QUALIFICATIONS

- Proficient in Java and Python
- Proficient in HTML and CSS
- Knowledge in JavaScript and PHP
- Proficient in MySQL
- Knowledge in Fortran, Prolog and Haskell
- Proficient in Database Design
- Proficient in Photoshop and Illustrator
- Proficient in version control (Git/GitHub/GitLab)

EDUCATION

DECEMBER 2020

BACHELOR OF SCIENCE IN COMPUTER SCIENCE, UNIVERSITY OF NC WILMINGTON

Concentration: Digital Arts
Minors: Digital Arts and Data Science
GPA: 3.8
Dean's List: 2017-2019

PROJECTS

APRIL 2020 – MAY 2020

WHOLESALE WEB APPLICATION, DATABASE IMPLEMENTATION & DESIGN COURSE

- Collaborated on a team project to develop a web application to function as a wholesale directory for customers.
- HTML, CSS, JavaScript, PHP and MySQL
- Created UI, wrote MySQL queries, triggers and stored procedures and contributed to designing the database.

SEPTEMBER 2020 – NOVEMBER 2020

IBM WATSON CHATBOT, SOFTWARE ENGINEERING COURSE

- Created an IBM Watson Assistant-enabled chatbot designed to answer common questions from students enrolled in an Object-Oriented Programming course.