Robert Meyer

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EDUCATION

University of North Carolina at Greensboro   Greensboro, NC
Bachelors of Science in Computer Science   *May 2020*
GPA: **3.34**; Major GPA: **3.85**; Dean's List: 6 semesters

EXPERIENCE

UNCG, Department of Computer Science   Greensboro, NC
Computer Science Tutor   *August 2019 - May 2020*

- Assist students in a wide variety of computer science courses ranging from 100 level courses to 400 level courses and guide them to understanding the material.
- Primary assistance is targeted to students taking Java programming courses, which include Introduction to Computer Science (CSC 130), Elementary Algorithms and Data Structures (CSC 230) and Advanced Data Structures (CSC 330).

Computer Science Lab Assistant   *January 2020 - May 2020*

- Assisted in the weekly lab for the Introduction to Computer Science course (CSC 130) by guiding students to solutions for their lab problems and providing a better understanding of Java programming.

SKILLS

- **Languages:** Java, Python, SQL (PostgreSQL, MySQL), JavaScript, TypeScript, HTML, CSS
- **Tools and Technologies:** Spring Boot, Django, Angular, REST, Linux, Git, Maven, IntelliJ, PyCharm

PROJECTS

- **emuLadder (https://github.com/CapstoneUNCG2020/emuLadder):** Senior Capstone Project at University of North Carolina at Greensboro. EmuLadder is a fantasy eSports web app built with Spring Boot, Angular 8, NodeJS, and MySQL. The project consisted of five developers, including myself. My contributions consist of all frontend work for the create-contest page using Angular 8 and building a portion of backend services to communicate with the create-contest page using Java/Spring Boot.
- **SmsReminder (https://github.com/rhmeyer314/SmsReminder):** Web app built with Spring Boot and the Twilio API. SmsReminder is a personal reminder web app to add personal goals to a task list. Onces tasks are added, the user receives reminders of their tasks via an SMS text message.
- **ReadingLogger (https://github.com/rhmeyer314/ReadingLogger)**: Web app built with Django and the Google Books API. Allows users to search for books they have read and add them to their profile. Interesting data is collected from these books, such as the number of books they have read this month/year, how many pages they have read this month/year, etc. This data is displayed to the user.

RELEVANT COURSEWORK

- **Advanced Data Structures:** Studied binary search trees, AVL trees, red-black trees, graphs, maps, backtracking algorithm, dynamic programming and greedy algorithms
- **Software Engineering:** Studied UML diagrams, design patterns, testing and the principles of software engineering. Creating a Software Requirements Specification document for a mobile app.