Miles Ziemer

Current Address: mziemer@email.sc.edu | (443) 949-2293   **Permanent Address**

305 Greenwood Rd   967 Mount Holly Dr

West Columbia SC, 29169   Annapolis MD, 21409

Website: https://milesziemer.github.io

Education

University of South Carolina; Columbia, SC

Bachelor of Science in Engineering in Computer Engineering; May 2021

Overall GPA 3.20, Dean's List: 1 Semester

Relevant Coursework

Algorithmic Design I and II	Digital Logic Design
Introduction to Computer Architecture	Advanced Programming Techniques
Circuits	Operating Systems
Embedded Systems	Data Structures and Algorithms
Robotic Applications and Design	Intro to Computer Networks

Related Experience

App Development   Summer 2019

- Designed a desktop application for AAMC
- Used sociodemographic information to give pill recommendations to patients post-surgery
- Presented to multiple orthopedic, hand, and spine surgeons

Online Tutor, Chegg   April 2018-Present
- Live video/voice tutor with 50+ lessons
- Described concepts and guided students through problems in Calculus 1-3, Java, C++, Python and Physics
- 90% approval rating from students
- Designed practice problems specifically to help students remember key skills

Videogame Development   August 2019-Present

- Currently developing an XboxOne game to train aim in shooting games written in C++
- Using the Unreal Engine in tandem with Visual Studio C++

Skills

C++	CSS
C#	JavaScript
C	Matlab
Python	ROS
Java	FPGA
HTML	Analog Discovery