

MATTHEW JONES, M.C.S

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Lancaster, SC 29720

Enthusiastic problem solver with both technical and soft skills. Seeking to collaborate on projects using the knowledge and skills I have developed through extensive work and research experience. I am always looking to improve my ability to adapt and advance in new technologies and environments.

PROFESSIONAL EXPERIENCE

IT Specialist USC, Lancaster. 2019 - Current

- IT services and installation
- Troubleshoot software and hardware problems

Lead Mobile Application/Software Developer USC, Lancaster 2019 - Current
USC Lancaster, USC Union

- Developed in Flutter and Swift for mobile applications
- SQL database & PHP for web server development
- Built Admin web app using webserver with HTML, CSS and JavaScript.

Software Engineer, Duke Energy, Charlotte NC 2018 - 2019

- Java and JavaScript Developer
- SQL database maintenance
- Fulfilled project requirements.

COMPUTER SKILLS

- Proficient in several programming languages: HTML, CSS, JavaScript, Java, Swift, Python, Flutter
- Strong analytical skills and the ability to communicate those skills through computer science research and development
- Excellent with structuring time and managing many projects under pressure
- Great ability of breaking down larger thoughts into more understandable pieces and knowledge of processes

TEACHING EXPERIENCE

Instructed online using Blackboard, Collaborate, and Zoom. I developed quizzes, exams and homework for the course. I created syllabi to meet accreditation standards.

Adjunct Faculty Professor

Matthew Jones

USC Lancaster, Lancaster SC
Computer Science

2020- Current

- CSCE 101 – Introduction to Computer Concepts
- CSCE 102 – General Applications Programming

Information Technology

- ITEC 101 – Thriving in the Tech Age
- ITEC 233 – Introduction to Computer Hardware and Software

Mentorship, Computer Science

Mentored students in several internships to provide them a perspective on working in the field of Computer Science. I help support students build their technical skills and experience to succeed in their respective technical fields.

EDUCATION

MS	National University, Computer Science Concentration in Advanced Computing	2019
BA	University of South Carolina - Columbia, Liberal Studies Concentration in Computer Science	2017
AS	University of South Carolina, Lancaster SC Associates of Science	2014

PRESENTATIONS AND INVITED LECTURES

Rotary Club 2022

- Spoke to officials and club members on the growth taking place at USC Lancaster and the implementation of the new eSports program.

Careers in Science 2021

- Talked to students and faculty of my experiences in researching and developing in the field of Computer Science.

Palmetto College 2021

- Invited by Chancellor of USC Columbia campus to speak on my time in the Palmetto college program and the development and growth I had achieved from completing the program.

RESEARCH EXPERIENCE

Dissertation, National University, CA 2019

Autonomous Drone Systems

- Used cameras, sensors and computer vision to give the drone sight.
- Reviewed and analyzed drone camera video footage to implement software and machine learning models.
- Presented compiled research results for further data analysis and continued development to extend the project.