

8<sup>th</sup> ANNUAL

# RESEARCH, SCHOLARSHIP & CREATIVE ACTIVITIES CONFERENCE



**Project Title:** Benchmarking the Raspberry Pi

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**Type:** Oral Presentation

**Abstract:** The usage of embedded systems are becoming more and more commonly used for projects and applications because of the ability to connect to the network. This is known as the internet of things (IoT). With so many hardware choices out there it can be a daunting task to choose the proper hardware to implement with your project. Our goal is to benchmark the Raspberry Pi 3 B+ with efficient code that implements intensive read and write with an embarrassingly parallel task in order to show the performance of the central processing unit (CPU).



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