



Honors Project

Jonathan Brown

Jonathan Brown is graduating with a bachelor's degree in computer science and minors in mathematics and cybersecurity. During his time at La Roche, he has participated in Sigma Alpha Pi (The National Society of Leadership and Success), LIFE Christian Fellowship, Wired Tech Club and the TechSolve Center, which provides technology help to the Sisters of Divine Providence. Mr. Brown is proud to have served as the president of Wired Tech Club since his junior year and was instrumental in transitioning the club's affiliation with the Association for Information Technology Professionals (AITP) to the Association for Computing Machinery (ACM), a move that brought much-needed vitality to the club. He was one of the inaugural members of the TechSolve Center, where he rose through the ranks to eventually become team leader. Mr. Brown plans to accept a position with Fluor Marine Propulsion at the Bettis Laboratory site in West Mifflin, where he will join a cybersecurity group dedicated to protecting computer assets on U.S. Navy ships.

Honors in Computer Science

Enhance Technical Competencies of Sisters of Divine Providence using Empirical Data Analysis to Create a Virtual Library of Technical Solutions

HONORS COMMITTEE

Michaela A. Noakes, Ed.D.*
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The purpose of this project is to enhance the work performed by the La Roche TechSolve Center to serve the religious of the Congregation of Divine Providence (CDP). The project will focus on aggregating data collected by the TechSolve Center and determining the areas of greatest technological need among the CDP. Attempts will then be made to address these needs by designing guides in audio or visual format that will teach users step-by-step how to address simple technology issues. These guides will be compiled into an easy-to-use format, such as an application or a library, and deployed on the CDP network.

