Daniel Vasquez

Research Assistant (Software Developer) at Bucknell University Technician at Bucknell Maker-E

dtv002@bucknell.edu

Summary

I'm a maker studying software engineering with interests in game design and development, virtual reality, and technologies that enable rapid development of hardware and software.

Experience

Research Assistant (Software Developer)
May 2017 - Present

As a research assistant to Margot Vigeant, I'm developing web-based lab simulations. My work has brought responsive design to aging simulations and has used gamification in the creation of entirely new simulations.

Technician
August 2016 - Present

I contribute to the development of the space by becoming knowledgeable with the fabrication machinery and their associated software and design methodologies. This knowledge allows me to aid users of the space with fabricating their designs. In doing so I must exercise a broad range of technical experience in order to be useful as a technician at the Maker-E

Technician
August 2015 - May 2017 (1 year 10 months)

Support the day-to-day operations of the MakerSpace.
Oversee safe student use of materials and equipment in the MakerSpace.
Train students in use of the machines and tools available in the space.
Assist students, faculty, and staff with projects.
Repair and maintain tools as needed.
Keep the MakerSpace clean and well ordered.
Keep supplies stocked.
Post images to the MakerSpace Instagram page relevant to MakerSpace projects and activity.
Assist with activities involving prospective students. This includes giving tours of the MakerSpace and informing the public about the MakerSpace's functions and resources.

Intern at Skelly and Loy, Inc.
June 2012 - July 2012 (2 months)

While an intern at Skelly and Loy, I shadowed their employees on survey trips and performed tasks involving drafting with the use of computer-aided design (CAD) software. I learned about the collaborative processes

that are integral to the commercial success of environmental engineering organizations and generalized methods pertinent to engineering fields.

Education

Bucknell University

Computer Science Engineering, 2014 - 2018

Activities and Societies: Symphonic Band, Association for Computing Machinery, Bucknell Men's Rugby

Milton Hershey School

Mechanical Drafting and Design, 2009 - 2014

Activities and Societies: Spartan Marching Band, Spartan Concert Band, Spartan Jazz Band, Residential Student Government, Golf Club, Skills USA, Photography Club

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Linked in.

Contact Daniel on LinkedIn