

CATHERINE BADART

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EXPERIENCE

Summer 2016 Microsoft Redmond, WA

Explore Intern

I worked on the SQL Server on Linux Team in the Data Platform Group. My team of 2 other interns and I built a web based customer engagement app from scratch. I gained experience in front end, back end and middle tier development. We used Django REST Framework with some Angular, javascript and jQuery on top and SQL Server on Linux as the backend.

2015-2016 Kaneb Center – Learning Technology Lab (LTL) University of Notre Dame

Media Specialist

The LTL focuses on finding new ways to integrate technology into the classroom. Their main project, Remix, does this by providing resources for professors and giving them ideas for assignments involving video, audio, and images. My job was to create video tutorials teaching both students and professors how to use software such as Adobe Premiere Pro, Audacity, Camtasia and Photoshop.

2015 Computer Vision Research Lab University of Notre Dame

Lab Assistant

Acquired and verified data for Biometrics lab studying facial scanners and their ability to create 3D images

Summer 2015 Introduction to Engineering Program University of Notre Dame

Camp Counselor

Worked at as engineering camp for high school students called the Introduction to Engineering Program. My main role as a counselor was to provide guidance and aid to the campers as they worked on various engineering projects such as building and programming a LEGO NXT Robot and constructing a cost effective and sturdy Kinex bridge. This involved being very familiar with the "C-like" language they used to program the robots and being able to find bugs quickly. For most of the campers, this was their first time programming, so teaching them the fundamentals helped me to reinforce my own knowledge of programming.

2014 Department of Electrical Engineering University of Notre Dame

Website Technician

Updated and maintained various websites for faculty in the Department of Electrical Engineering.

EDUCATION

2014-2018 University of Notre Dame

BS in Computer Science

2010-2014 Holy Names Academy

Valedictorian, AP Scholar with Distinction, President of the National Honor Society

SKILLS

Python, C++, C, HTML, CSS, Django, JavaScript, AngularJS, jQuery, SQL, Java, Shell Scripting, Unix, MATLAB, LabView, Adobe Photoshop and PremierePro, Audacity LaTeX