

Ricardo Hernandez

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SKILLS:

Programming Languages: Java (Proficient), JavaScript, Python, HTML, SQL, MIPS, PHP
Tools: Git

Concepts: Object Oriented Programming, JUnit Testing
Frameworks: Express.js
Operating Systems: Microsoft Windows and Linux.

Language: Fluent in conversational and written Spanish.
Databases: MySQL, MongoDB

EDUCATION:

Gettysburg College | Gettysburg, PA
Bachelor of Science in Computer Science with a minor in Mathematics
Honors: STEM Scholar Recipient, Hispanic Scholarship Fund Scholar

Expected May 2021
GPA 3.41

RELEVANT WORK EXPERIENCE:

IT Analyst Intern | **Hispanic Association of Colleges & Universities (HACU)** June 2020 – December 2020

- Assisted in the development of the Library of Congress IT Disaster Recovery Plan for the Fiscal Year of 2020
- Reviewed IT Contingency Plans for more than 100 systems in the Library of Congress
- Utilized Confluence to improve efficiency by record keeping, which led to improving IT Disaster Recovery

Digital Technology Summer Fellow | **Information Technology** | Gettysburg, PA June 2019 – July 2019

- Created a virtual reality environment so that people could learn in an immersive way
- Obtained remote pilot certificate from the FAA to fly drones
- Acquired knowledge in creating 3D models using photogrammetry

Peer Learning Assistant | **Computer Science Department** | Gettysburg, PA January 2019 – May 2019

- Assisted the professor to solve any problem or question from students
 - Helped students understand the concepts and fundamentals of Computer Science
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RELEVANT PROJECTS:

CoachTools Capstone Project | **Gettysburg College** August 2020 - Present

- Established Agile development as the Project Manager for my group
- Collaborating with two peers to create a CRUD API with Express.js for our client
- Utilizing Node.js, Mongoose, and MongoDB to create backend functionality

Business Proposal | **Gettysburg College** January - May 2020

- Collaborated with two peers to create a web application for business trip approval or denial.
- Created three types of users, an Employee, a Manager, and an Executive
- Worked on backend development by creating PHP functions; also utilized HTML, CSS, Bootstrap, MySQL

St. Francis Xavier Church 360 Tour | **Gettysburg College** June - July 2019

- Designed an immersive tour of a church that has historical significance to the town, as well as a connection to the Hispanic community.
- Designed to work as a Unity Build; also utilized a 360 camera, Adobe Premiere, and Oculus Rift

Traffic Lights | **Gettysburg College** September - December 2018

- Collaborated with another student to create a 2D color-blind friendly game called Traffic Lights in Unity
 - Used C# to design the back-end portion of the application and Unity for the user interface
 - Designed game to work as a Web application, Android application, and IOS application
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LEADERSHIP AND ACTIVITIES

President | **Association of Computing Machinery (ACM)** January 2019 - Present

- Elected as club President by ACM members and the computer science majors in Spring 2020

Program Coordinator for College Prep | **Gettysburg College Center for Public Service (CPS)** Fall 2017 - Present

- Manage a program for assisting underrepresented first-generation high school youth in their college process
- Volunteered with El Centro, English as Second Language Tutor, and the Painted Turtle Farm

Campus Tour Guide | **Gettysburg College Admissions Office** April 2018 - Present

- Conduct tours on campus with prospective students and their families