

Adam E. Risher

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Education

University of North Alabama, Florence, Alabama

Major: Computer Information Systems

Minor: Human Computer Interaction and User Experience (HCI/UX)

Degree: Bachelor of Business Administration, May 2017

Skills

Programming Languages

- Java
- C++
- Ruby
- PHP
- Javascript
- C
- C#

Web Development

- HTML
- CSS
- NodeJS
- Ruby on Rails
- JQuery
- Bootstrap
- Sass
- MySQL
- PostgreSQL
- MongoDB

Software Development Tools

- Git
- Unix Terminal
- Raspberry Pi
- Axure

Project Management Tools

- Trello
 - Pivotal Tracker
 - Microsoft Office Suite
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Experience

University of North Alabama, Florence, AL

Database Administrator Intern, August 2016 – Current

- Maintain current database
- Query data needed for reports
- Implement a new database structure for future use

PartCycle Technologies, Florence, AL

Backend Web Development Intern, May 2016 – August 2016

- Research and suggest options for Search Engine Optimization
- Used Ruby on Rails to implement a system to dynamically generate sitemap URLs
- Used PostgreSQL to obtain data needed for sitemaps
- Worked in an agile and test-driven development focuses environment
- Used Git for version control and Pivotal Tracker for Project Management

Black Rocket, Florence, AL

Instructor, June 2016 – July 2016

- Taught group of adolescents on the creation of a 3D videogame
- Ensured that individuals kept on task to have a functional game of their own design by the end of the course.
- Games were made using Atmosphir and Unity3d

University of North Alabama, Florence, AL

Tutor, January 2016 – May 2016

- Worked with students to increase their understanding of topics related to courses
- Tutoring focused on the Java programming language and Microsoft Office Suite with an emphasis on Microsoft Access

Projects

Sitemaps

- Designed a solution to dynamically generate sitemaps for PartCycle technologies. Generated roughly four million links using Ruby on Rails

Rest API

- Created a simple restful API for handling request for use on a social media site using NodeJS

E-Commerce and Inventory Management System

- Capstone project for Computer Information Systems. Worked on backend inventory management systems and worked with front end team to integrate with e-commerce

Mobile News Site Prototype

- Capstone for Human Computer Interaction and User Experience, prototyped and tested a new mobile design for University of North Alabama's newspaper the Flor-Ala using both paper prototypes and Axure
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Research

University of North Alabama, Florence, AL

HCI/UX Capstone Project, January 2017 – May 2017

Flor-Ala Redesign – Designing and Testing a new mobile design for the Flor-Ala

- Used Axure to design two prototypes for a new mobile version of the University of North Alabama's newspaper, the Flor-Ala
- Presented findings May 2017
- Supervisor: Jason Watson, PhD

University of North Alabama, Florence, AL

Co-Principal Investigator, 2015 – 2016

How to Measure IT Effectiveness: The CIO's Perspective

- Obtained research grant to study how to measure IT effectiveness.
- Presented research at St. Augustine, Florida at SAIS 2016
- Presented research at University of North Alabama Research Day 2016
- Supervisor: Xihui Zhang, PhD
- Co-Principals: Jordan Simmons and Ali Murad

Presentations

Risher, Adam; Simmons, Jordan; Murad, Ali; Zhang, Xihui. How to Measure IT Effectiveness: The CIO's Perspective. Presented at the Southern Association for Information Systems, St. Augustine, FL, 2016; University of North Alabama Research Day, Florence, AL, 2016
