Patric Campbell

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EXPERIENCE

Systems Analyst – New York University (New York, NY)
March 2016 - May 2017

- Designed and developed multiple responsive websites using Twitter Bootstrap, jQuery, vanilla JavaScript, and PHP including a human subjects research consent form generator and registration forms for the Cayuse grant management system
- Quantified university research funding by generating reports in Microsoft SQL Server
- Administered and maintained Windows 2008 R2 servers including Active Directory, DNS, File Services, and Windows Update

Software Development Intern - American Eagle (Pittsburgh, PA)
May 2010 - August 2010

- Designed and coded a web service using Windows Communication Foundation to assist data warehouse developers by automatically moving reports between servers
- Modified SharePoint part using VB.net to display users in the admin Active Directory group

PROJECTS

Glitch (PostgreSQL, Rails, React, Redux)   Live   GitHub
Full Stack real-time chatting application inspired by Slack.

- Integrated websockets with Pusher API for real-time updates of new messages, channels, and direct messages for each subscribed user
- Leveraged ActiveRecord's includes function to prevent N+1 query problems when retrieving user information along with their messages
- Incorporated user interaction best practices for a seamless experience

Kilobyte (JavaScript)   Live   GitHub
Sliding block puzzle browser game inspired by 1024.

- Developed using Object Oriented vanilla JavaScript, HTML5, and CSS3
- Implemented animations using Transit jQuery animation library

pMoney (JavaScript)   Demo   GitHub
DOM manipulation and traversal library

- Engineered a lightweight DOM manipulation and traversal library that handles AJAX requests

SKILLS

Ruby	Rails	
	RSpec	
JavaScript	React.js	
	Redux	
jQuery	SQL	HTML
CSS	Git	

EDUCATION

App Academy (2017)
1000-hour immersive full-stack web development intensive with <3% acceptance rate emphasizing Rails, SQL, JS, React, TDD, algorithms, pair programming, and best practices

University of Pittsburgh (2013)
BS Biological Sciences

University of Pittsburgh (2011)
BS Information Science