Daniel Critchfield

I'm a computer engineering graduate from the University of Pittsburgh with a focus in software engineering. I am always looking to learn and work with new technologies as well as contribute to projects that impact people in a positive way.

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EXPERIENCE

Dick's Sporting Goods, Coraopolis, Pennsylvania —
Software Engineer

June 2018 - PRESENT

I gained experience working a product team that utilized lean methodologies and XProgramming. I utilized paired programming, test driven development and continuous integration pipelines to quickly provide production ready code on a daily basis. I worked on back end systems that were Spring Boot Java applications to support various business functions. I then deployed these applications to the cloud using PCF as the platform.

HM Health Solutions, Pittsburgh, Pennsylvania —
Application Developer

December 2017 - June 2018

I was a part of a team that created automated tests for multiple business applications using Java and Selenium. I worked with QAs across multiple products to help design and implement test plans based on each application's specific requirements. I learned how to work with a remote team, as all developers on the team were in Harrisburg while I worked in Pittsburgh.

EDUCATION

University of Pittsburgh — *Computer Engineering BSE*

2013 - 2017

Focused on software engineering while also developing a deep understanding of computer architecture. I utilized my time at Pitt by assisting in research, pursing my interest in software outside of class through personal projects with friends and competing in a hackathon.

PROJECTS

CPR Glove — *Senior Engineering Project*

Worked with a team to design and create a glove that would assist the user in performing CPR. The glove would give both visual and auditory feedback as the user attempted to provide CPR to the patient. LED lights were used as feedback for compression depth while auditory commands to speed up or slow down would provide feedback on the user's compression rate.

Languages & Frameworks

Java

JUnit

Spring Boot

C#

Python

SQL

Selenium

HTML

CSS

Javascript

Technologies & Methodologies

Agile Scrum

Lean Startup

XP Programming

Git

Github

Concourse CI

Redis

RabbitMQ

Pivotal Cloud Foundry (PCF)