

JACK PENHALE

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EXPERIENCE

Backend Software Intern

Nutrien | May 2019- August 2019

- Worked on an agile development team developing, maintaining and supporting a .NET application.
- Developed code to move data from legacy systems to SAP database.
- Wrote tests increasing code coverage to 80%.

Digital Intern

Nutrien | May 2018 - August 2018

- Developed an AWS Lambda application that retrieved an ID from clients for data collection.
- Worked in SQL to help clean company's data.
- Shadowed product owners, developers, agile coaches and scrum masters to get a understanding of the agile work environment.

EDUCATION

Colorado State University

Computer Science - Applied Computing Technology

August 2017 - May 2020

GPA: 2.62

Front Range Community College

Associates of Science

August 2014 - December 2017

GPA: 3.16

PROJECTS

Map Trip Single Page Web Application

Spring 2020

- 16 week project using GitHub and Scrum practices to develop a full-stack single page web application.
- Focus on responsive, mobile design.
- Developed front-end in React and Material UI.
- Developed RESTful API and back-end with Java and SQL.

Raspberry Pi I/O Project

Fall 2019

- Used a heartbeat sensor connected to a Raspberry Pi that took the BPM of a user's heartbeat and played a playlist of songs with a matching BPM
- Developed using Python

Hospital Data Web Application

Spring 2020

- Web application that displayed hospital diagnosis-related groups and corresponding data
- Developed using FuelPHP and SQL
- Included login and comment system

SKILLS

Languages

Java, Python, JavaScript, CSS/HTML, ReactJs, Bash, SQL

Other

Agile development, GitHub, Object Oriented Programming