

Cooper Pearson

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Professional Experience

Optum

Boston, MA

Software Engineer

July 2017 - Present

- Lead role building web application (AngularJS/Node.JS/MySQL) to match short-term internal job demand to employees with available capacity and relevant skillset, used daily by hundreds of employees
- Managed application's Jenkins pipelines and MySQL databases, including Docker images and RedHat OpenShift container configurations and deployments
- Employed end-to-end testing using Protractor and SauceLabs, integrated with Jenkins CI/CD pipeline
- Concurrent project writing native Android mobile application (Kotlin/MongoDB) to tie together internal leadership review processes

Project Analyst

July 2015 – June 2017

- Partnered with program and project managers as a Scrum Master to coordinate team members and project schedules to ensure timely quarterly releases
- Utilized CA Agile Central and Project Planning Management software in conjunction with Agile methodology to supervise projects through deployment into production
- Generated clear high-level financial and status reports for management, enhanced project team efficiency

Praxis Enterprise Performance Management

Coopersburg, PA

Systems Analyst

May 2014 – August 2014

- Wrote acceptance tests for the financial reporting system of a rapidly growing consumer goods company
- Built database components using Oracle Hyperion Planning and Essbase applications, consulted with clients and developers to create new databases that met specific business requirements

Stumpff Lab at the University of Vermont

Burlington, VT

Research Assistant

September 2013 – May 2014

- Studied kinesin motor protein component functionality during mitotic cell division in HeLa and RPE1 cell lines

Technical Skills & Languages

Technologies/Frameworks – AngularJS, React, Node.JS, Express.js, MySQL, MongoDB, OpenShift, Jenkins, Docker, Git, Protractor

Languages – Python, Javascript ES6, SQL, Kotlin Chai, HTML/CSS

Education

The University of Vermont

Burlington, VT

Major Biological Science (B.S.), Minor Chemistry

September 2011 - January 2015

Bond University (Study Abroad)

Gold Coast, Australia

Interests & Hobbies

Mogul Skiing • Scuba Diving • Surfing • Developing Multi-Room Escape Rooms • Gardening • Backpacking • Film Soundtracks (especially those composed by Michael Giacchino!) • Rock Climbing • Electronics Repair