Cooper Pearson

68 Pleasant Street, Cambridge, MA 02139

cooppearson@gmail.com • (908)-227-8887

Professional Experience

Optum   Boston, MA

Software Engineer   *July 2017 - Present*

- Lead role building a web application (AngularJS/Node.JS/MySQL) to match short-term internal job demand to employees with available capacity and relevant skillset
- Designed and implemented entire application from inception to production, used daily by hundreds of employees
- Managed application's Jenkins pipelines and MySQL databases, including Docker images and RedHat OpenShift container configurations and deployments
- Mentored junior developers on application's front and back end development
- Concurrent project writing Android mobile app to tie together multiple internal 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
- Developed and deployed Planning applications, updated load-rule data using SmartView for Excel, wrote/ tested calculation scripts

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 – AngularJS, Node.JS, MySQL, MongoDB, Git, OpenShift, Jenkins, Docker, Express.js, Android Studio

Languages – Javascript ES6, Python, Kotlin, SQL, VBA, 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 • Backpacking • Gardening • Film Soundtracks (especially those composed by Michael Giacchino) • Electronics Repair • Rock Climbing