PAULA MULDOON - SOFTWARE ENGINEER

- +44(0)7730 474548
- pmuldoon@umich.edu
- @FiddlersCode
- linkedin.com/in/ paulamuldoon/

What I can offer

I would bring three years of experience of writing software both remotely and in-office along with the insights gained from my former career as an international violinist. At my developer training at Makers Academy, I learned to care about continuous delivery, automated testing, good documentation, and creating robust and scalable processes. I am a confident self-starter, and I try to create an atmosphere of non-violent communication, continual learning, and self-reflection.

What I am looking for

A diverse environment working in the backend/DevOps. I would like to work in a collaborative team with an atmosphere of continual learning.

Technical Skills

Languages/Frameworks	JavaScript (ES 5, 6), TypeScript, Node, Ruby, PHP 5.6/7.x, Python, Java, Groovy, HTML/CSS, SQL, Bash, React, Magento, Rails
Databases	Mongo, MySQL, Postgres
Testing	Jest, Locust, Mocha, Jasmine, RSpec, PHPUnit, Nightwatch, SauceLabs
Version Control	Git, GitHub, Stash, Bitbucket
DevOps	Docker, AWS Lambda, Splunk, GoCD, Bamboo, Artifactory
Workflow	Jira, Confluence, Kanban, Agile, Sprint, Scrum
Practices	TDD, Domain-driven design, CI/CD, acceptance tests, RESTful apis
Code Quality	ESLint, TSLint, NYC, Rubocop, PHPMess Detector, SimpleCov

Awards

- Tech Women 100 (2018)
- Women in Software Power List (2019)

Experience

JavaScript Developer, Cambridge Cognition (November 2018 – ongoing)
I am on a 6-person sprint team using JavaScript / TypeScript to deliver computerised game-like cognition tests for use in clinical trials.

- Wrote code to automate testing and analysis of large datasets retrieved from testing of wearable bio monitors
- Wrote developer tool to use Bamboo's API to determine build versions for use in deployments and auditing compliance
- Researched and implemented performance testing using Locust
- Lead developer on integration of third-party cognitive task app
- Wrote detailed specification and testing documents

- Designed new system for translation and storage of cognitive task text (including talking with third party translation agencies)
- ISO 9001 and ISO 13485 standards
- Ran workshops on TDD, DDD and mobbing

Experience

Backend Engineer, Kurt Geiger (July 2017 – November 2018)
Upgrade from Magento 1 to headless Magento 2, with microservices in Node/AWS and a React front end.

- 80% remote
- Served as de facto team lead from spring 2018
- With PM, taught the team to write granular, well-defined Kanban tickets
- Led team meetings and reported on progress weekly to the head of software
- Wrote significant documentation on the new systems we built
- Technical lead on a microservice
  - Defined the acceptance criteria for the service, environments and security standards
  - Used domain-driven design to craft the service's structure
  - Used TDD and trunk-based development to write the code
  - Implemented pre-commit hook to run tests and JS linter

Makers Academy (April - June 2017)
- Final project used React Native front-end and a Ruby on Rails backend
- Daily remote pair programming and TDD

Speaking Highlights (Over 16 total talks/workshops since July 2017)
- DDDEA: Docker for the complete beginner (workshop)
- FFS Tech Conference: FFS, Get Outside (talk with violin)
- Madrid JavaScript (Madrid, Spain): Work Smart, Not Hard (workshop)
    I gave this workshop in Spanish in Spain's largest JS community
- Hatch London Hackthon: Coding My Way Through Depression (keynote)

Interests

Leader, Cambridge Philharmonic — 2017 - ongoing
One of Britain's oldest and most distinguished music societies.

- Lead the first violin section in weekly rehearsals and concerts every 2 months
- Personnel management
- Innovative education based on Agile software techniques (retros, Slack group)

Activities

Cryptic crosswords, coffee, crocheting, writing, meditating, my dog, music

Education

Makers Academy - Programming (2017)

Guildhall School of Music & Drama - M.Mus with distinction in Violin (2012)

University of Michigan - B.Mus with highest honours in Violin (2010)