TAMARA MICHAUD

PROFILE

A confident, articulate, hard-working professional with a wide experience of scripting and coding in a variety of languages and on multiple platforms. Possessing a strong technical ability with a keen eye for detail and deadlines, comfortable working in a team or to self-managed targets.

Looking for a development position in a passionate and dynamic team, with exciting new challenges and opportunities to expand and build on current skills.

SKILLS

- Unix and Linux Shell Scripting
- SQL, ETL
- XML, HTML, sed, awk, regex
- JavaScript, Perl, PHP
- Gherkin, Cucumber, Selenium, Java
- Postman, API
- JSON-controlled config
- Bitbucket, git version control

ACHIEVEMENTS

- Development of command-line and web-based UIs to facilitate internal cross-training and work-sharing.
- Implementation of process standardisation and streamlining across multiple platforms.
- Complex ETL operations on data which is often sensitive and encrypted.
- Suite of automated software tests to facilitate CICD.

EMPLOYMENT

- **SMARTFOCUS** QA Automation Engineer Nov 2018 – current

- **SMARTFOCUS** Data Integration Specialist Sept 2015 – Nov 2018

- **CAPITA LOCAL GOVERNMENT SERVICES** Technical Officer May 2010 – Sept 2015
  SSIS, FTP Server, VB.NET, ASP.NET, XML, VBA, Macros

- **PRIVATE & COMMERCIAL FINANCE LTD.** Accounts Assistant Feb 2008 – April 2010
  Monthly reconciliations, management accounts, bad debt analysis, ACCA

- **EUROWEEK** Administrative Assistant Sept 2007 – Feb 2008

REFERENCES

Previous Employer
Paul Frampton, Capita LGS,
17 Homesdale Road, BR2 9LY

Current Employer available on request

ACADEMIC QUALIFICATIONS

Newstead Wood School for Girls - 2000–2007

12 GCSEs grades A* - B
A-Level Maths (B) Spanish (A) Psychology (C)

INTERESTS

Away from the computer I enjoy an active lifestyle; I train at a local HIIT bootcamp, frequently attend Obstacle Course Races and Indoor Skydiving classes, and study Wing Tsun Kung Fu. I have previously taught both kung fu and bootcamp classes and gained a wealth of experience beyond simply teaching the sport; from improving my communication skills; my ability to explain foreign concepts to clients of all levels; helping manage events and administration; and (back to computers) debugging and managing the school's website.

I have a passion for learning and in my spare time I am regularly taking courses through Coursera and Udemy, as well as completing hands-on projects with the Raspberry Pi.

CONTACT

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TOP PROJECTS WITH SMARTFOCUS EMAIL MARKETING

AUTOMATION TESTING SUITE

Working within a small team I was responsible for developing a suite of automated tests designed to run each time any modification is made by the development team via Jenkins pipelines. Each member was tasked to code the tests for a separate element of the company's site, creating and utilising common internal libraries via separate branches of a central Bitbucket repository.

We chose to build a maven project with Selenium, using Gherkin feature files so that initially the test results could be reviewed by support staff to then ascertain manually whether they could replicate the error so that it could then be corrected by the development team.

This project was my first venture into using IDEs rather than coding directly on the command-line. Learning how to find the most effective methods from the Java and Selenium libraries to achieve my goals; testing API calls and implementing pojos to capture and compare results; applying different levels of logging to debug the results as efficiently as possible; and throughout all, optimising the test sequence to ensure high coverage and low overhead.

INTERNAL SUPPORT TOOL

My favourite project while at Smartfocus was the work I did on an internal web tool which exposed technical functionality to all staff in a controlled manner; meaning a reduction in support tickets, increased responsiveness for client queries, and allowing my teammates to spend more time on paid-for project work. Initially the tool was written in spaghetti-coded php which I refactored into a more standardised structure. I introduced common javascript functions to aide maintainability and then used Confluence to document the whole thing from both a user- and developer- view.

As well as improving the existing code, I also expanded the functionality of the tool overall; involving several department team-leads to review the process of scoping new projects. Client requests for etl work was never standard, always time-sensitive, and often required very subjective decision-making to determine a cost… something which I felt could be improved. Which I did by breaking down the most common non-standard requests into modular elements. The ui's design then leads the salesperson or account manager to the particular combination needed to satisfy the client's requirements, and the selections were mapped to in- and out-of- scope phrases that were then combined to produce a detailed contractual Statement of Work to be sent to the client for sign-off and payment.

ETL AUTOMATION DEVELOPMENT

My primary responsibility as a data integration specialist was to implement bespoke automated import- and export- scripts to collect client data from various sources and load/extract it from our databases. Given my background in finance and accounts I am very conscious of maintaining detailed audit-trails, tracking time effectively and reconciling data in various ways. Although within this environment my precision was limited by the data being provided by the client, this in itself helped me to develop better methods of balancing anomalies. Having encountered a myriad of exceptions and problems to overcome I relished being able to deliver detailed reconciliations to clients, enabling the script itself to explain where the problems in the data were found and what the client would need to do in order to resolve it for themselves.