

Michael Lewis Boyles

I'm a software developer with a passion for writing great software. I'm outgoing, self-motivated and ambitious. I'm an advocate for open-source software, object-oriented programming and XP practices.

I've always had a natural aptitude for programming and consistently received excellent grades in the programming modules I studied as part of my degree.

I pride myself on my ability to communicate ideas well and am always happy to help others. In my spare time I enjoy answering questions on StackOverflow, where I have 30k reputation points, mostly in the Java tag.

I've led successful teams in both my professional and academic life, as well as functioned as a helpful and productive team member. I also work well independently, as I was required to do when freelancing.

Aside from the Internet and technology, my big passion is music. I play guitar and bass, and sometimes record. I'm also enthusiastic about film and photography.

Thanks for considering my application. I hope to hear from you soon.

Get In Touch

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Apr 2017 - Present

Senior Developer

BGC Partners

Java, Spring Boot, Oracle, JavaScript, React

I've been responsible for developing and extending BGC and GFI Electronic and Hybrid Trading Systems, one for fixed income, and one for FX. Mostly I've been building FIX API transformers: microservices which allow clients to interface with our trading systems without implementing our spec. As part of this, I contributed to the design and development of an annotation-based framework built around QuickFIX/J. These FIX transformers are Spring Boot projects which make heavy use of Java 8 features and are built with Maven via Bamboo. I've developed these services for a number of 3rd party buy-side execution and order management systems and investment banks.

Sep 2015 - Apr 2017

Graduate Software Engineer

Hewlett Packard Enterprise

After graduating, I worked on a mission planning system used by the RAF. This legacy system was developed in C, C++ and Python, following the Scrum methodology. We followed rigorous development practices: unit/integration testing, static analysis, code reviews, performance profiling.

I was selected as part of a very small team to design a prototype v2 in Java to be used as part of a pitch for additional investment. The tech lead of this project was impressed with my work and described it as outstanding.

2013 - 2014

Web Developer

West Digital Marketing

PHP, HTML5, JavaScript, MySQL

An industry placement between the second and third year of my degree. The job involved , email marketing and web design and development.

2011 - 2015

BSc (Hons) Computer Science - First Class

Newcastle University

The course was primarily taught in Java, with a strong theoretical background. I studied modules in cryptography, graphics (OpenGL) and networking. I was also presented with the Netcraft Programming Award for achieving amongst the highest marks in the programming modules in first year. In second year I was the leader of a software engineering team project in which I was able to lead the team to a high first class mark in the module.

Technologies

Languages:

Advanced: Java, **Proficient:** JavaScript, C++, PHP

Web: JavaScript, React, HTML, Sass

Databases: Oracle, MySQL, DynamoDB

OS: Windows, Linux