Steven Diviney

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Objective: Computer Science graduate looking for career opportunities in a reputed organization.

Education

Trinity College, Dublin, BA(mod), MCs.
Computer Science, 2008 - Present

Expected to graduate B.A.mod with I.I
Junior Sophister achieved II.I
Senior Freshman achieved II.II
Junior Freshman achieved II.I

Sutton Park, Sutton, Dublin, 2002 - 2008,
Leaving certificate obtained in 2008.
All subjects sat at honors level, B1 obtained in Mathematics.
GCSE in ICT obtained in 2006.

Experience

MasterCard Worldwide, 2012 Internship for 7 months at MasterCard. Worked as part of the InControl team, one of MasterCards card services. Primarily worked on two separate projects but also undertook several smaller bodies of work. The first project was the extension, updating and maintenance of a tool developed in-house to test the InControl software platform. Became fully integrated into the team very quickly and was seen as a developer responsible for maintaining a specific component. Also worked on core InControl components. Second project was a web application to assist in platform administration. The focus here was more of a proof of concept and demo to secure approval to develop the application fully. After approval was granted work shifted to this full version and the groundwork was laid in the little time left. The focus of the internship shifted very quickly. Once I had shown what I was capable of I was no longer really regarded as an intern. The work and responsibility entrusted to me changed accordingly.

IBM, 2011 Summer internship for 3 months at IBM Ireland as part of their Extreme Blue internship program. Worked on a mobile web application as part of a team of four. The project was voted second out of over twenty at the end of the internship. As well as creating the application we were required to give a weekly update presentation to our managers and co-workers. Developed skills in computer programming, teamwork, and communication with management and architects in order to design and plan the project, in addition to making sure the project was on track and mile-stones were being met.
The team was assigned to build a mobile web application to enable civic collaboration. The design, implementation and delegation of responsibility was left almost entirely up to the team, drawing support from staff in IBM. The project was constrained, but required a lot more critical thinking than being simply given a design document to implement. This approach was very beneficial as it allowed us as a team to develop a broader skill set, while drawing from industry experts with years of experience and working as part of a large organization.

GeSCI, 2010 Co-developed open-source software to assist with the calculation of ICT costs across a country. The software is now deployed in several Ministry's of Education across Africa, distributed freely from GeSCIs website. I was responsible for creating the front-end. Worked as part of a team of six, three programmers and three managers / architects. Developed skills in computer programming

and teamwork. In addition to my role as programmer I attended most of the meetings with the client in order to ensure what we were building was what they wanted. Developed skills in translating user requirements into a final design that was implemented.

Dangerous Goods Safety Advisor, 2010 - Present Responsible for ensuring that two organizations adhere to the requirements set out by the European Agreement concerning the International Carriage of Dangerous Goods by Road. Notable aspects include inspection of sites to ensure regulations are being adhered too, consultation with the organizations if regulations are not being met and the submission of an annual report to the HSA. Developed skills include organizing meetings with clients and ensuring that the applicable laws are being adhered too. This is done through a combination of site inspection and questions. I also feel this demonstrates a degree of my entrepreneurial nature and ability to work as an individual.

Freelance Graphic Design Notable aspects include; Consulting with clients in order to assess their requirements. Creating of drafts based on clients requirements. Refining draft into final copy.

Secretarial Duties Notable aspects include: Receival and redirection of messages. Co-ordinating orders from management to employees. Taking in invoices and registering them in database applications.

Skills and Interests

Operating Systems

GNU/Linux, primarily Debian based, very good working and theoretical knowledge. Have used Debian as a primary OS for over 6 years and enjoy learning about the design of UNIX systems in general.

Windows 7, Vista, XP, very good working knowledge.

Programming

Very good level of experience programming in C/C++, Java and Python.

I have a good knowledge of OOP concepts and design patterns as well as functional, imperative and declarative programming paradigms. In addition I have a good working knowledge of Haskell, JavaScript, the Spring Framework, Prolog, PHP, SQL (Oracle DBMS, IBM DB2 and MySQL), VHDL, Eiffel, CSS, Bash, HTML and C#.

I enjoy programming in my free time and have many, many personal projects. These range from micro-controller projects, generative artwork, Ajax driven and static web-design, design of various database schema, JSON parsers, and network programming.

Also have many projects as a result of university course work. These range from simple compilers, logic puzzles, implementation of various data structures, multi-threaded programs, XML and JSON parsers, SSE programming, a network proxy server, a web-server, an email server and client and database schema.

Teamwork

Very good teamwork skills. In addition to developing teamwork skills during my work experience and college projects I have also developed good communication skills during my time at university in general. Almost every project is designed to some degree as a group and implemented as a group or in isolation. I approach each project with enthusiasm, particularly if it's something new and feel my course work marks reflect this.

Design

I have a good knowledge of graphic design concepts and the technical knowledge on how to apply them. This applies to both graphic and user interface design.

Electronics

I have some experience working with embedded electronics, primarily the Atmel AVR series of chips. I have put together several small projects using the Arduino platform in addition to stock AVR chips. Also have experience with setup and configuration of reasonably complex LANs.

Referees

Available on request.