

Sidney August Cammeresi IV

Summary

- Master's in Computer Science, MBA for personal development in progress
- Eight years of software development experience
- Specialize in low-level, system software; product overhauls; Linux/UNIX systems
- Open to international assignment, lived abroad, US and EU passports, speaker of Italian

Experience

Senior Software Engineer, Quest Software – Buffalo Grove, Illinois

August 2007 – present

- Overhauled our product's low-level tools for backing up and restoring virtual machines; wrote multithreaded C on Linux, supporting output to CIFS, FTP, NFS, and SFTP; during incremental backups, the tools could scan virtual disks at nearly one gigabyte per second
- Created new tool for mapping active filesystem blocks and supported ext4, LVM, and RAID
- Instructed other developers in proper tools' usage
- Reviewed code from junior developer; conducted technical interviews
- Over 30,000 customers; annual revenue in eight figures

Software Engineer, Telsasoft – Minneapolis, Minnesota

August 2004 – July 2007

- Led reimplementing of an entire product line of monitoring software for cellular networks; subsystems included alarm notification, operational measurement collection, and reporting
- Wrote Linux server software using Python, PostgreSQL, PostGIS, SNMP, and CORBA and interfaced software to a wide variety of cellular networking equipment
- Wrote multi-user client software for Windows using C#, .NET, and XMLRPC
- Organized development goals using customer feedback
- Provided second-level customer support and maintained customers' servers

Visiting Software Development Specialist, University of Illinois – Urbana, Illinois

March 2003 – July 2004

- Implemented a compiler in Python on Linux to compile an XML database schema into PHP scripts to maintain the database

Teaching Assistant, University of Illinois – Urbana, Illinois

August 2000 – May 2002

- Led recitation sections; held office hours; and wrote, proctored, and graded exams
- Award for ranking in the top 10% of TAs according to student evaluations, Fall 2001

Education

MBA candidate – Heriot-Watt University – Edinburgh, Scotland – 2013 (estimated)

- organizational behavior, economics, accounting, corporate governance, and marketing

Master of Computer Science – University of Illinois at Urbana-Champaign – 2003

- theory of computation, distributed component systems, real-time systems, computational complexity, object-oriented programming, networking, and parallel programming

BS in Computer Science – University of Illinois at Urbana-Champaign – 2000

- architecture, operating systems, programming languages, and compilers

Buzzwords

The languages and technologies that I have most recently and extensively used include:

C, C#, Python, PHP, PostgreSQL, L^AT_EX, Linux, OpenBSD, Mac OS X, Git, Subversion, TCP/IP, pthreads, ØMQ, object-oriented design, Xen, VMware ESX