

John Plaxco

1200 Falstaff Drive
Roswell, GA 30076
(770) 855-4358
John@JohnPlaxco.com

Objective:

Gain experience in my chosen field of computer science with an emphasis on creative uses of network resources while contributing to a dynamic, forward-looking company.

Summary of Qualifications:

- Fluent in a wide variety of programming languages, including Bourne scripting, C, C++, Java, Perl, and object-oriented and functional PHP
- Somewhat familiar with proprietary web technologies such as Flash and Flex
- Skilled in the use of web service technologies, including HTML, XHTML, XML, AJAX, CSS, and Javascript
- Familiar with the Linux development tool chain
- Experienced with network programming, including TCP and UDP socket programming and protocol design
- Familiar with creating raw IP packets and Ethernet frames
- Experienced with programming to and designing schema for databases including MySQL, PostgreSQL, Sybase IQ and Oracle
- Practiced in developing software for embedded and mobile devices, including J2ME and the iPhone
- Managed local area networks, VPNs, and network storage servers
- Knowledgeable in system and network security, including virus scanning and firewalls
- Over 15 years experience building, administering and providing technical support for desktop and server machines running Linux and Windows
- Led programming teams for school and work projects, gaining experience in team conflict resolution, scheduling, coordinating development, and evaluating member strengths and weaknesses
- Can learn new programming languages rapidly

Education:

Georgia Institute of Technology, Atlanta GA
B.S. in Computer Science, May 2006
Emphasis on network and systems technology

Research:

- Adaptive network protocols for mobile devices using multiple networks
- User-Mode Linux as a virtualization method for web hosting
- Multi-tiered A* graph path-finding algorithm in real-time strategy games
- Machinima as a content delivery mechanism for mobile devices

Experience:

Yume Software Independent Contractor, 2002-2008

- Designed and implemented web-based insurance application system, with special emphasis on data security and privacy legal requirements, for the Bert Lunsford Agency
- Designed and implemented custom data conversion tool for proprietary retirement data for the Teacher's Retirement System of Georgia

Millions of Us Senior Engineer, 2008

- Designed, built and documented mini-games for inclusion in the Sony PS3 Home system
- Designed, built and documented electric car infrastructure game for the Better Place electric car company
- Designed a massively multi-player online game for the Rainbow Magic children's book franchise
- Designed and built a prototype car racing game in the Unity engine for Hot Wheels
- Managed two Millions of Us websites and one client website, including migration of hosting, content management, databases, FTP access, search engine optimization and content delivery optimization

Purewire Senior Engineer, 2008

- Designed and implemented product configuration web interface, service configuration web interface, reporting infrastructure, and product and service integration with support infrastructure
- Helped design database schemas for product and service configurations, support infrastructure, and inter-module communication
- Implemented prototype of research environment portal

Secure Computing Senior Engineer, 2007-2008

- Managed content, database queries, custom code and Flash components for trustedsource.org research portal, optimized for scalability
- Worked closely with server and network operations teams to determine hardware specifications for new and existing product needs
- Lead implementation of two web-based security products from concept through customer evaluations to production, including functional and technical specification, architecture, environment setup and actual coding
- Rewrote internal web applications for research and technical support use to conform to web standards and to drastically improve performance

Radius 3 Senior Software Engineer and Server Administrator, 2004-2007

- Developed custom web applications and modules
- Designed, built and maintained automated website provisioning system
- Optimized algorithms and database queries for performance and memory usage in flagship product
- Integrated UPS shipping API into e-commerce module
- Administered web and database production servers

References:

Mike J Solutions - Mike Johnston, President.

3001 Bridgeway Blvd, Suite 286

Sausalito, CA 94965

415-827-7213

Kurz Photography - Kevin Kurz, CEO.

2506 Wesley Plantation Drive

Duluth, GA 30076

404-403-4069