

Shaun Clark Arnold

EDUCATION:

Masters of Computer Science, University of Virginia, May 2002
B.S., Computer Science, The College of William and Mary, May 2000

EXPERIENCE:

Research Scientist, Grid Computing Group

University of Virginia, Charlottesville, VA (6/02 – Present)

Aid in development of grid related projects. Created back-end for demo application which utilized Pocket PC, .NET, web services, an Alpha cluster, and other various software and hardware. Created web based application portal for job submission and file management to large heterogeneous supercomputers.

Research Assistant, Legion Research Group

University of Virginia, Charlottesville, VA (9/00 – 5/02)

Researched security concerns for the Legion research group, a grid computing middleware. Proposed and implemented logging solution to online credential repository. Designed and proposed security solutions for running Legion over a more secure, standardized security infrastructure.

Head Teaching Assistant, Intro Computing

University of Virginia, Charlottesville, VA (9/00 – 5/01)

Taught group of approximately 35 students fundamentals of programming and C++ in a lab setting. Graded student homework and tests. Provided expert consultation to students outside of lab.

Applications Technology Intern

Circuit City Stores Inc., Richmond, VA (5/00 – 8/00)

Developed algorithms using Lotus scripting language for automating workflow within software engineering application. Proposed and implemented prototype revision of current software engineering application.

Brand Marketing Aide

Capital One, Glen Allen, VA (6/99 - 8/99)

Aided development of new brand document templates. Performed other various clerical and technical duties.

Rides Department Area Manager (7/97 - 9/99)

Paramount's Kings Dominion, Doswell, VA (5/94 - 9/99)

Oversaw daily operation of area with approximately 100 employees. Resolved guest problems and concerns.

COMPUTER SKILLS:

Software:	Microsoft Office, Oracle, Adobe Photoshop, Word Perfect 6.0/7.0, Lotus, ns, Globus, Legion, Version Control (CVS, RCS), LaTeX, Apache, Tomcat.
Languages:	Proficiency in: C/C++, Java, HTML, shell scripting, Perl, CGI. Experience in: C#, XML, SQL, Ada95, PROLOG, LISP, Tcl, Visual Basic.
Operating Systems:	Unix, Linux, AIX, Windows 9X/NT/2000/XP, MSDOS, MacOS, SunOS, Solaris.
Other:	.NET, Web Services, Visual Studio, ASP[.NET], Pocket PC, TCP/IP, UDP, Object Oriented Design/Programming, Software Lifecycle, x.509.

OTHER SKILLS:

Ability to plan, organize and implement projects efficiently. Able to manage and work well in a team or alone. Good communication skills, dependable, hard working. Open-minded and always willing to learn.

ACTIVITIES:

Active as leader in church youth group, planning and coordinating activities and lessons. Served as assistant coach for YMCA boys basketball team. Regularly play team sports such as basketball and walleyball.