

# Aaron N. Tubbs

**Objective** I enjoy engineering software. I especially enjoy being paid to engineer software.

**Experience** **Lead Software Engineer, FactSet Research Systems, Inc.** Norwalk, Connecticut  
*April 2005 – Present*

Manager of team responsible for C++ charting infrastructure. Individual responsibilities include implementation and design of new functionality and maintenance of existing features. Group responsibilities include task management, prioritization, personnel management, and infrastructure evangelism.

- Started as individual contributor to charting engine.
- Responsibilities grew to include management of charting/infrastructure group.
- Heavily involved in recruiting, hiring, and training.
- Coordinated software releases for client-side software.
- Responsible for management of interns, individual contributors, and managers.

**Credit Derivatives Support Analyst, UBS Investment Bank** Stamford, Connecticut  
*June 2003 – April 2005*

Responsible for release management, trading support, server administration, process automation, system and application diagnostics, and problem resolution. Perl was the most commonly used programming language.

- Mentored development team on programming and computer science topics.
- Tripled reliability of distributed risk modeling system.
- Developed over a dozen application monitoring and analysis packages.
- Managed business critical project releases from development stage to production.
- Responsible for Sarbanes-Oxley certification of applications.
- Trained new colleagues in support and monitoring of business applications.
- Authored support documentation for previously undocumented in-house systems.
- Interviewed and evaluated new candidates for support positions.

**Software Developer, UIUC Department of Atmospheric Sciences** Urbana, Illinois  
*August 1999 – June 2003*

Responsible for web development, systems administration, network programming, and server architecture. Work generally involved PHP and Perl.

- Developed international e-commerce storefront to vend weather CD-ROMs
- Implemented a bespoke network and computer management system
- Introduced security auditing and analysis system for linux, HP-UX, Solaris, and Windows
- Designed and built workstations and servers for department based on project requirements
- Created virus and spam abatement system for Internet mail
- Fabricated web-based card catalog for the department library

**Associate Analyst, Pharmacia Corporation** Portage, Michigan  
*Summer 2002*

Participated in summer internship program, gaining exposure to the pharmaceutical industry and working on several software development projects. ASP and Perl were the primary technologies used.

- Developed a customized community forum system for the Rogaine product site
- Designed web-based curriculum vitae system for research fellows
- Completed user interface development on enterprise content management system
- Improved performance of global phone directory system by a factor of ten
- Presented technology overviews to department in enrichment sessions

**Education** **University of Illinois at Urbana-Champaign** Urbana, Illinois  
*August 1999 – May 2003*

- Major: Computer Science, Overall GPA: 3.81/4.00 (Highest Honors, James Scholar)