

## Edward W. Bardsley

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### EDUCATION

8/01–current

**Carnegie Mellon University, Pittsburgh, PA.**

BS in Computer Science w/ Minors in Robotics and Engineering Studies.

Degree expected in May 2005.

Cumulative QPA: 3.51/4.0. Dean's List: Fall 2003, Spring 2004

9/97–6/01

**Langley High School, McLean, VA.**

Graduated June 2001 with AP Diploma.

### EXPERIENCE

1/05–5/05

**Carnegie Mellon School of Computer Science**

*Teaching Assistant*

Served as a teaching assistant for 15-441 (Computer Networks), a senior level project course. Responsibilities included holding office hours, developing and grading both homework assignments and group projects.

5/04–8/04

**End System Multicast Group, CMU SCS**

*Research Programmer*

Worked to maintain and develop both the protocol and supporting environment and software for the ESM project, which studied and developed peer to peer video streaming. Focus on developing code to run on all of the various supported Windows, Mac and Unix platforms.

5/03–5/04

**Carnegie Mellon SCS Intro. Programming Group**

*Programmer*

Responsible for the maintenance and continued development of a system for management of assignments and homework submissions for introductory programming classes in Carnegie Mellon's Computer Science Department. Utilized web and database technologies, along with electronic mail and encryption.

1/03–5/03

**Carnegie Mellon SCS Intro. Programming Group**

*Course Assistant*

Served as a course assistant for 15-113, an introductory course on C programming. Responsibilities included holding lab hours, grading homework, and occasional teaching of special topics.

10/01–5/04

**Carnegie Mellon Network Group**

*Programmer*

Responsible for programming and debugging network applications. Worked largely in Perl and SQL to develop network management and monitoring applications for Carnegie Mellon's network.

5/99–8/01

**Government Scientific Source, Inc.**

*Information Systems Engineer*

Responsible for the creation and maintenance of a small corporate network, including internet connectivity, web, mail, file and print services on FreeBSD and Windows NT platforms. Created an online ordering system using Perl and SQL.

9/98–6/01

**Langley High School**

*Network Administrator*

Responsible for the maintenance of a network of approximately 500 computers and 1800 users. Managed user accounts and resources and provided hardware and software support and solutions. Created and deployed custom applications for mass user management and networking as necessary.

### SKILLS

- ▷ *Languages/Tools:* C, C++, Java, SML, Perl, SQL, PHP, AFS, Kerberos, DNS
- ▷ *Operating Systems/Platforms:* UNIX (FreeBSD, Linux, Solaris), MS-DOS, Windows (9x,NT,2K,XP), Cisco IOS