Matthew P. Hunt

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OBJECTIVE

A challenging position in information technology, taking advantage of my strong programming skills, flexibility, and problem-solving ability.

EDUCATION

California Institute of Technology, Pasadena, California, USA

Ph.D., Astrophysics, May 2004.
- Dissertation: "Faint optically selected AGN at $z = 3$."
- Advisor: Charles C. Steidel

The Pennsylvania State University, University Park, Pennsylvania, USA

B.S., Physics and Astronomy & Astrophysics, June 1998.
- Minor in mathematics.
- Graduated with Honors and with Distinction.

EXPERIENCE

California Institute of Technology, Pasadena, California, USA

Graduate Student   **1998–2004**

Original and important research on the demographics of active galactic nuclei, requiring considerable data analysis and programming.

Teaching Assistant   **1999–2001**

Assisted faculty in teaching undergraduate and Ph.D.-level courses. Presented lectures, prepared and graded problem sets, assisted students, set up and supervised laboratory courses.

The Pennsylvania State University, University Park, Pennsylvania, USA

Sperling/Cohen Tutor in Mathematics   **1995–1998**

Employed by the Department of Mathematics. Tutored small groups of undergraduates in first- and second-semester calculus, giving emphasis to problem-solving strategies.

The FreeBSD Project, http://www.FreeBSD.org/

Committer   **1998–present**

Volunteer developer for the FreeBSD UNIX operating system, with authorization to directly change the operating system or bundled components. Primary emphasis on the Ports Collection, a mechanism for easily installing third-party applications on FreeBSD machines. Includes experience with CVS version control and the GNATS problem-tracking system in a 100+ developer environment.

Various public school districts, Pennsylvania, USA

UNIX and Networking Consultant   **1996–1998**

Consulted on a day-to-day basis for school districts near Johnstown, Pennsylvania, connecting to the Internet. Installed and configured Linux servers, configured and maintained DNS, SMTP and POP mail servers, and Apache web servers.

TECHNICAL SKILLS

- General: UNIX programming and administration (FreeBSD, Linux, some Solaris), Windows, networking (protocols and hardware), security, SQL (mostly PostgreSQL), LaTeX, and HTML.
- Languages: Fluent in C, Perl, and UNIX shells. I have dabbled in countless languages from assembler to LISP to INTERCAL, and pick up new languages quickly and readily. I routinely manage even small projects with CVS for version control.
- Applications: Knowledgeable in Apache, BIND, sendmail, ssh, ntp, and most other common UNIX servers.