

# David A. Hasan

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<https://augerhandle.github.io/portfolio>

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*I am an aerospace engineer and software developer making a transition to teaching. I have a solid, hands-on understanding of mathematics and physics, years of software development experience, and stories that will help make math real for my students.*

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## Education

- **Brigham Young University**—Provo, UT  
*Majoring in Computer Science and in Mathematics*
  - GPA: 3.77 (overall), 3.77 (CS major), 3.90 (Math major)
  - Projected Graduation Date: May, 2006

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## Experience

- **BYU Computer Science Department**—Provo, UT  
*System Programmer: June 2003–present*
  - Manage 200 Linux and 150 Windows 2000 lab workstations.
  - Maintain department Linux servers and document their configuration.
  - Develop tools and scripts to improve reliability and functionality of the network.
  - Assist users with problems and write tutorials and documentation.
- **Argus Systems Group, Inc.**—Champaign, IL  
*System Administrator: March, 1997–August, 2000*
  - Configured servers, maintained inventory, and managed tape backup system.
  - Prepared all product distribution media (including bootable CDs).

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## Skills

- **Operating Systems:** Linux (Gentoo, Red Hat, and Debian), Mac OS 9 and X, UNIX (several variants), Windows 98/2000/XP
- **Computer Languages:**
  - Proficient in C, C++, HTML, Java,  $\text{\LaTeX}$ , PHP, UNIX Shells
  - Familiar with Perl, SQL
- **Tools and Systems:**
  - Proficient in Apache, BIND, CVS/RCS, Make, GnuPG, SSHD, VI
  - Familiar with Kerberos, MySQL, NFS, OpenLDAP, OpenSSL, Postfix, Samba

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## Achievements and Activities

- Served a voluntary two-year mission in Serbia and Bulgaria (2001–2003). Speak fluent Serbian and basic Bulgarian.
- As a member and president of the BYU Unix Users Group, assist new Linux users and participate in presentations and discussions on advanced topics (2003–present).
- Manage a heterogeneous home network and family server (1996–present).
- Received a National Merit Scholarship.
- Co-authored “Interacting Quantitative Trait Loci Control Phenotypic Variation in Murine Estradiol-Regulated Responses,” *Endocrinology* 140 no. 2 (1999).
- Awarded Eagle Scout Rank, Boy Scouts of America (1996).