

# SHANTI A. BRAFORD

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St. Louis, MO 63108

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## SUMMARY

Experienced software developer and CS graduate seeks a full-time position.

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## EDUCATION

Washington University in St. Louis  
*B.S. in Computer Science, August 2002*

GPA: 3.6 / 4.0

Relevant Courses:

Object-Oriented Software Development, Software Engineering Workshop, Advanced Topics in Networking, Machine Learning (Artificial Intelligence), and Management Information Systems

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## WORK EXPERIENCE

**Traffic Logic, Inc.** – Los Angeles

*Aug. '03 – Feb. '04*

*Technical Architect*

- Developed a sales tool (in **ASP**) for account reps to create online sales proposals and send them to clients via email; cutting the proposal creation time from, previously, thirty minutes to now under five
- Created an online payment system in **ASP** and **SQL Server 2000** that now handles the bulk of client payments (over \$10,000 / day)
- Programmed several directory sites, including ArticleInsider.com and HighIndex.com, using **PHP**, **Apache**, **mod\_rewrite**, **MySQL** and **SQL Server**

**Popdex.com** – St. Louis

*(part-time) Dec. '02 – Sept. '03*

*Creator (sold website to Traffic Logic, Inc. in Sept. '03)*

- Created a distributed web crawling infrastructure using **Linux**, **Apache**, **MySQL**, **Perl** and **PHP**; crawler / server interfaces were developed using **XML** as the messaging protocol
- Designed a ranking algorithm used to rank weblog and website link popularity, called PopScore
- Achieved traffic levels of 770,000 page views / month (March '04)

**SBC, Inc.** – St. Louis

*Jun. '02 - Jul. '03*

*Associate Analyst*

- Administered several NCR **Teradata** databases in the Enterprise Data Warehouse (the second largest data warehouse in the country)
- Created a software license management / tracking application in **ColdFusion** and **SQL Server 2000**
- Updated and maintained enterprise data models in **ERwin Data Modeler 4.0**

**VisionDance Consulting** – St. Louis

*Summer 2001*

*IT Project Manager*

- Worked with a client, Medical Transportation Inc., to develop a fully functional wireless application using **ASP** and **SQL Server 2000**
  - Created a mobile dispatch application which allows drivers in the field to check pickup times and addresses via their cell phones
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## COMPUTER SKILLS

Languages	Web	Operating Systems	Software
Java, C/C++, Intel Assembly, SQL, UML, VBScript	XML, ASP, Perl, JavaScript, EJB, XSL, PHP, ColdFusion	Windows 2000/NT/9x, UNIX, Linux, Solaris, DOS	Visio & Rational (UML diagrams), MS Office, many IDEs

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## HONORS AND AWARDS

*Honors:* Dean's List, 5 of 8 semesters

*Awards:* National Merit Finalist, Engelmann Math & Science Summer Scholar, AP Scholar

*Contests:* CS101 Programming Contest Winner (Multi-player Networked Tetris in Java)