

# DUNCAN ERMINI LEAF

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OBJECTIVE A summer internship where I can apply statistical methods to solve challenging problems.

EDUCATION **Purdue University**, West Lafayette, IN  
*Ph.D. in Statistics*, Specialization in Computational Science **Expected December 2010**  
*M.S. in Statistics*, Specialization in Computational Finance **December 2007**

**University of Nevada, Las Vegas**, Las Vegas, NV  
*B.A. in Computer Science*, Minors in Mathematics and Psychology **December 2004**

EXPERIENCE **Department of Statistics, Purdue University**, West Lafayette, IN  
*Statistical Consultant* **August 2009 – present**  
Assisting clients with experimental design, model selection, data analysis, and statistical computing.

*Graduate Teaching Assistant* **August 2005 – August 2009**  
Prepared and presented lectures for courses in probability and basic statistical concepts; prepared, administered, and graded exams, quizzes, and homework; conducted exam review and help sessions.

**Praxis Management International**, Indianapolis, IN  
*Statistical Consultant* **August 2008 – September 2008**  
Authored a training guide on Monte Carlo simulation concepts.

**Aramark Sports and Entertainment**, Las Vegas, NV  
*IT Specialist* **May 2004 – June 2005**  
Installed and maintained computer hardware and software for several large convention centers; performed network administration and security; provided technical support for users.

**University of Nevada, Las Vegas**, Las Vegas, NV  
*Research Assistant, Interactive Measurement Group* **October 2002 – June 2005**  
Developed an application for automated scoring of open-ended tests; conducted studies to evaluate performance of software scoring methods.

*Research Assistant, Auditory Perception Lab* **September 2003 – May 2004**  
Prepared digital audio samples for auditory perception experiments; assisted with audio data analysis.

*Student Worker, Image Processing Lab* **September 2003 – December 2003**  
Worked as part of a team to develop an optical character recognition application using statistical pattern recognition methods.

**Dealer Information Systems**, Bellingham, WA  
*PHP Programmer Intern* **May 2002 – July 2002**  
Developed a web-enabled shipping application for use by offsite sales team.

SKILLS & KNOWLEDGE AREAS  
*Programming:* C, C++, C#, Java, Python  
*Operating Systems:* Windows, Linux, Mac OS X  
*Software:* MATLAB, MySQL, Microsoft Office, R, SAS, Microsoft Visual Studio  
*Statistics:* Computational methods, experimental design, regression, simulation, time series  
*Personal:* Excellent written and verbal communication