

# MATT LABB

Permanent: 555 La Playa Blvd · Tucson, AZ 22222 · (555) 555-1212

College: 1500 St. Olaf Avenue · Northfield, MN 55057 · (507) 786-2222 · matlab@stolaf.edu

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**OBJECTIVE:** To obtain a position as a Data Analyst at Mayo Clinic.

## EDUCATION:

**St. Olaf College**, Northfield MN      **Bachelor of Arts** to be awarded May 2010  
**Major:** Mathematics      **Cumulative GPA:** 3.86  
**Concentrations:** Statistics, American Racial and Multicultural Studies  
**Study Abroad:** Intermediate Spanish II in Ecuador (*January 2008*)  
Latin American Culture and Society in Costa Rica (*Aug.-Dec. 2008*)

## RELATED WORK EXPERIENCE:

- **Undergraduate Intern, Los Alamos National Laboratory (LANL)**, (*Summer 2007-09*)  
*Space Instrumentation and Systems Engineering Group*  
Wrote code in MATLAB and C to communicate with instruments over GPIB for characterizing a new instrument. Developed a graphical user interface for existing code in MATLAB to control instruments. Created simulations in MATLAB to develop the mathematical theory for a proposed instrument. Learned MATLAB and C on the job; used creativity, resourcefulness, and a high level of organization to solve problems and develop code to produce the desired output; learned and understood goals, theory, and technical processes of projects; accepted responsibility as a member of a team; set and met individual goals in order to fulfill team goals; used communication skills to present work to mentors and team members.
- **Undergraduate Intern, LANL** (*Summer 2006*)  
*Nonproliferation and International Technology Group*  
Researched and wrote concise summaries of foreign and domestic technologies. Utilized organizational, research, and writing skills.

## APPLIED STATISTICAL EXPERIENCE:

- **Mathematics Practicum, St. Olaf College** (*January 2010*)  
Worked in a group of five St. Olaf students to analyze a data set from a Quality of Life study at Mayo Clinic. Collaborated with group members to research current work in the Quality of Life field, understand and meet goals of the study, use problem-solving skills to establish and answer research questions, and use statistical methods to analyze data. Accepted individual responsibility in meeting group goals. Used oral and written communication skills to present results to Mayo Clinic.

## ADDITIONAL ACTIVITIES:

- Fellowship of Christian Athletes (*member 2004-07, leadership team 2006-07*)
- Manitou Singers (*2006-07*), Cantorei Choir (*2007-09*), St. Olaf Choir (*2009-10*), Church Choir (*2007-08*)
- Intramural sports (*2009*)

## AWARDS AND HONORS:

- Member of Phi Beta Kappa
- Dean's List (*Fall 2006, Spring 2007, Fall 2007, Spring 2008, Spring 2009, Fall 2009*)
- St. Olaf College Presidential Scholarship
- National Merit Scholarship
- LANL Nonproliferation and International Security Division Scholarship
- Girl Scout Gold Award