

Daniel Disselkamp

415 Erie St. SE
Apt. # 105
Minneapolis, MN 55414
612.817.6307
diss0013@umn.edu

Objective: Seeking an interesting, challenging internship in the Twin Cities as a Materials Engineering Intern.

Education: **University of Minnesota-Twin Cities, Minneapolis, Minnesota**
Bachelor of Materials Science and Engineering, Bachelor of Science in Chemistry
Minor in Asian Languages and Literatures (Chinese)
Expected Graduation: May 2012, Cumulative GPA: 2.613/4.00
Relevant Coursework Includes: Directed Research (with Dr. Xiaoyang Zhu, Jan.-May 2009), Computer Applications, Metals & Alloys, Electrical & Magnetic Properties, Intro. to EE, Engineering Mechanics, chemistry courses (Organic and Lab (intro. & advanced), Analytical and Lab, Physical, Inorganic), Physics, Calculus, Chinese Language (4 semesters, college level), German language (4 years).

Computer Skills: Matlab, Microsoft Excel, SolidWorks, Pro/Engineer, ChemDraw; Microsoft Windows; Microsoft Office Suite; QuickBooks; and Apple Mac OS.

Projects:

- Cutting-edge research in the area of molecular electronics, organic semiconductors, and quantum dots.
- Separation and synthesis of various organic compounds, knowledge of laboratory safety, experimental procedure and notebook-keeping protocol. Equipment proficiency with IR, NMR, GC/MS. This includes preparing samples, using the equipment, and interpreting spectra.
- Constructed a budget desktop computer by choosing all of the components from scratch.

Relevant Experience: **Department of Chemistry, University of Minnesota, Minneapolis, Minnesota**
General Chemistry Tutor, Exam Proctor September 2009-Present

- Assist General Chemistry students with their coursework, share responsibility to oversee exams of hundreds of Chemistry students. Work with other TAs and with professors to ensure students' academic needs are met.

Bart Foreign Language Training Center, Guangzhou, China
English Language & American Culture Teacher May 2010-August 2010

- Teach Chinese adults and children (ages 6-18) English language and American culture using a variety of resources (textbooks, dialogues, debates, games, songs, field trips).

Buckthorn Management, LLC, Afton, Minnesota
Sales and Marketing Manager, Assistant Manager of Operations May 2007 – August 2007

- Sustained small business operation for the summer of 2007 while owner was in India.
- Marketed invasive plant removal/landscaping service.
- Established and followed up with contacts, sold the appropriate service (over \$27,000 worth), followed up after the service was completed.
- Hired employees, registered with the State of MN, organized/managed the company's daily and weekly operations, spearheaded community outreach and education, and participated in manual removal of invasive plants, project management.

Additional Experience: **DocWater's Pub, Juneau, Alaska**
Prep Chef, Line Chef July 2008 – August 2008

- Received orders from serving line, grilled and fried food, prepared meat and vegetables for the day.
- Cleaned dishes, floors, sinks, and counters.

Involvement/Honors: Member, Materials Advantage, October 2010-present
Officer, MN Society of Professional Engineers, September 2010-present
Proficient in Chinese (Mandarin) language, achieved April 2010
Exchange Participant (EP), AIESEC Minneapolis, Guangzhou, China, May-August 2010
Member, The Institute of Materials, Minerals, & Mining (IOM3), 2009-present
Volunteer & Leader, Juneau community outreach/ community service, May-August 2008