

## **KALEN JENSEN**

**Pg.1**

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### **ACADEMIC AND EDUCATIONAL ACHIEVEMENTS**

University of Alberta, Materials Engineering Co-op, BSc, 2011

AWS Academic Excellence Award, 2010  
Deans Undergraduate Research Award, 2010  
AIST FeMET Foundation Scholarship, 2009  
TMS Extraction and Process Division Scholarship, 2009  
Jason Lang Scholarship, 2008-2010  
University of Alberta Entrance Scholarship, 2006  
Alexander Rutherford Scholarship, 2003-2006  
Sturgeon School Division Academic Scholarship, 2006

### **WORK EXPERIENCE**

CANADIAN NATURAL RESOURCES LTD, Calgary, AB May-Dec 2010

Integrity Engineer, Integrity

- Performed corrosion assessments and initiated mitigation strategies
- Updated and maintained vessel and pipeline management databases
- Coordinated and assisted with plant shutdowns and vessel inspections
- Developed online corrosion monitoring system
- Performed PSV safety audit and presented to management
- Extensive field work with operations and contractors

TECK METALS LTD, Trail, BC Jan-Aug 2009

Process Engineer, Technical Support

- Responsible for instating and ensuring quality of process changes
- Worked within a large team to solve complex problems
- Directly responsible for project budgeting and organizing personnel
- Experienced working with operators in a plant setting
- Used a variety of software and equipment for data collection and analysis
- Required weekly, monthly, and quarterly reporting as well as monthly presentations on progress in technical seminars

CHEMICAL AND MATERIALS DEPT, U OF A, Edmonton, AB May-Aug 2008

Undergraduate Researcher

- Responsible for planning, designing, execution and budgeting of project
- Operated numerous characterization and analytical equipment
- Trained in many techniques of metallographic sample preparation
- Presented at weekly meetings, wrote weekly reports and a summary report

ALBERTA HOSPITAL, Edmonton, AB

July-Aug 2005

Recreational Therapist Assistant

- Developed advanced interpersonal skills through interaction with mentally ill
- Organized recreational activities
- Supervised patients on field trips
- Member of care giving team

### **COMPUTER EXPERIENCE**

- Working knowledge of Windows-based PCs, as well as some Macintosh PCs
- Proficient with Microsoft office applications
- Familiar with MatLab, and Maple software
- Some familiarity with StatGraphics

### **ADDITIONAL INFORMATION**

#### **Volunteer Activates**

- Canadian Cancer Society Walk for the Cure coordinator, 2009
- High school outreach for materials engineering, 2008
- U of A open house volunteer, 2007-2010
- Extensive fundraising for school bands, 2003-2006
- Taught music lessons to beginner musicians, 2003-2006
  - o play trombone
- Teach Karate to children and youth, 2006-Present

#### **Sports**

- Member of U of A Ski Club, 2006-present
- Captain of high school rugby team, 2006
- Teach and practice karate, 2004-present
- Practice Judo, 2008-present

#### **Other**

- Have Class 5 Drivers license
- Experience driving large vehicles
- Standard level first aid, H2S Alive, Confined Space Entry/Rescue and Fall Arrest certified
- member of Scouts Canada for 8 years
- experienced musician (Jazz and Classical styles)

**REFERENCES AVAILABLE UPON REQUEST**