

Michael Craven

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OBJECTIVE: To gain experience in the Civil Engineering & Surveying Fields towards the procurement of an Engineering and Surveying License.

CERTIFICATIONS:

- **Land Surveyor in Training (LSIT)**, California Number 7535, January 25, 2008

EDUCATION

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|----------------------|--|--------------------------|
| 2004- Present | Oregon State University | Corvallis, OR |
| | • B.S. Forest Engineering & B.S. Civil Engineering, GPA 3.64/4.0 | |
| | • Completion June 2009 | |
| 2000- 2004 | South Tahoe High School | S. Lake Tahoe, CA |
| | • High School Diploma | |
| | • Bank of America Award in applied arts for Auto Cad. | |

EMPLOYMENT

Dam Safety Office- Oregon Water Resources Department, Salem, OR, June 2008 – September 2008. Dam Safety Intern

- Spillway capacity calculations and Log Pearson III frequency analysis.
- Probable mean flood (PMF) modeling using HEC-HMS software.
- Author of "Investigation of Spillway Capacity for Dams in Oregon" report.

Weyerhaeuser Company, Castle Rock, WA, June 2007 – September 2007.

Forest Engineering Summer Intern

- Redesign of stream crossings to accommodate fish passage.
- Field layout of harvest units & completed forest practice applications.
- Road Maintenance and Abandonment Plan (RMAP) field inspections.
- GIS data analysis and maintenance.

Turner & Associates Land Surveying, Stateline, NV, June 2006- September 2006, Survey Technician.

- Drafted record of surveys, topographic maps, & exhibits.
- Field work on topographic, as-built, boundary, and construction staking.
- Field work with robotic total stations, both rod-man and instrument operator.
- Prepared layouts for construction staking.

SKILLS

- Proficient with Auto Cad & Land Development Desktop, ArcGIS
Microsoft Excel, Microsoft Word, HEC-HMS and LoggerPC.

MEMBERSHIPS

- Professional Land Surveyors of Oregon December, 2006 – Current
- American Congress on Surveying and Mapping (OSU), April 2006 - Current
- ASCE, September 2007- June 2008, Co-designer of 2008 concrete canoe.