

Joshua Holbrook

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Objective:

To get an opportunity to use the skills I've gathered during my academic career, with a particular interest in computational and design aspects of mechanical engineering.

Skills and Qualifications:

- Experience with spreadsheet software, MATLAB and python/scipy
- Certified LabVIEW Associate Developer
- Comprehensive understanding of basic engineering principles

Education:

Bachelor of Science, Mechanical Engineering

August 2005 – May 2010

Minor in Mathematics

University of Alaska Fairbanks

Completed 143 Credit Hours

3.67 GPA (expected)

Employment History:

Research Assistant

January 2010 –Present

UAF Institute of Northern Engineering, Fairbanks, AK

Job duties include:

- Designing and running finite element models using COMSOL and MATLAB
- Analyzing geographical information using perl, python, MATLAB and C++

Office Assistant

January 2008 –December 2009

UAF Mechanical Engineering Department, Fairbanks, AK

Job duties include:

- Tracking purchase information on UAF's Oracle database and compiling it into a human-readable form
- Facilitating communication between students, faculty and system administration

Professor's Assistant

September 2008 – December 2008

UAF Mechanical Engineering Department, Fairbanks, AK

Job duties included:

- Grading and correcting homework assignments for ES 331, "Mechanics of Materials"

Painter

May 2008 – August 2008

UAF Conference Services, Fairbanks, AK

Job duties included:

- Patching, painting and wet-sanding walls, ceilings, doors and trim

Laboratory Assistant

February 2007 – May 2007

UAF Water and Environmental Research Center, Fairbanks, AK

Job duties included:

- Taking inventory of chemical stock
- Tabulating, manipulating and organizing test data in Excel