

Matthew Van Atta, E.I.T.

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Highlights

- Lifelong desire to learn
- Fast learner
- Excellent 3D spatial reasoning

Education

University of Alaska, Fairbanks
May 2009 B.S. Mechanical Engineering
Honors Thesis Scholar

Experience

- Certified SolidWorks Associate
- AutoCAD, MATLab, Photoshop, MS Office, MacOS
- Mill, lathe, and CAM programming experience
- Composite materials fabrication and repair
- Artistic experience in ceramics and pottery

Work History

Mechanical Engineering Teaching Assistant

University of Alaska, Fairbanks
September 2010- May 2012

- Teaching CAD/CAM lab and grading homework
- Researching wind-diesel systems in Alaska

Design Engineer

Lifewater Engineering
May 2009- September 2010

- Computer aided design of arctic sewage treatment systems

Student Intern

Poker Flat Research Range; University of Alaska, Fairbanks
May 2008- May 2009

- Carbon fiber and fiberglass fabrication and repair

Fluid Mechanics Teaching Assistant

University of Alaska, Fairbanks
September - December 2008

- Teaching and grading reports for Fluid Mechanics

Laboratory Assistant

University of Alaska, Fairbanks
July-August 2007 and July-August 2006

- Collecting and processing field samples and using laboratory equipment

Activities

- American Society of Mechanical Engineers member
- Competitive sport fencing
- Rotary International exchange student
- Sculptural art and pottery