

Michael Fletcher

Japanese to English translator, specializing in patents

OBJECTIVE: Build a solid and successful professional Japanese to English translation service provider focused on translation of technical materials.

EDUCATION: **Master of Science in Mechanical Engineering**, University of Arizona 5/2003
Recipient of AME Graduate Fellowship 2001-2002
Area of Specialty: Thermal Science
Masters Report: PV Power Production
GPA 3.89, Graduate Tuition Scholarship, Graduate Registration Scholarship

Bachelor of Science in Mechanical Engineering 4/1995
Brigham Young University
GPA: 3.5, Honor Roll, Dean Scholarship

LANGUAGE: Japanese – 1st Level Proficiency Examination (Highest-Level)

TECHNICAL SKILLS:

Lab Equipment: Oscilloscope (Yokogawa, Tektronix), NGS Star Tester (Ford vehicles), Vehicle testing, Vehicle simulator, Multi-meter, Schematic, Solar Pathfinder

Computer Skills: Microsoft Office: Macros in both MS Word and MS Excel, extensive use of both. Professional use of MS PowerPoint. Experience in school with Fortran and C++. Experience at Internship with Matlab/Simulink

PROFESSIONAL JAPANESE TO ENGLISH TRANSLATOR 12/2003 to Present

- Lead Technical Translator for Major litigation case involving Tunnel Boring Machine
- Translations of patents and other technical documents.

SUR TECHNOLOGY VP OF TECHNOLOGY 01/2009 to 05/2011

- Design of Solar PV systems and other renewable energy systems
- Expertise in shade calculations, thermal calculations, and string design

MECHANICAL ENGINEERING EXPERIENCE

National Renewable Energy Laboratory **Student Internship/Fuel Cell Modeling** Summer, 2002

- Modeling of Gasoline reformer-based Fuel Cell/Turbogenerator system in vehicle
- Developed Fuel Cell models from empirical equations derived in publications
- Three day, Automotive Application Fuel Cell Class presented by SAE

Visteon Corporation **Current Model Engineer** 7/1999 to 6/2001

- Visteon Global Quality Improvement Award for PCM quality Improvement in the year 2000.
- Lead Engineer for PCM (Powertrain Control Module) Quality Improvement activities.
- Team Leader for testing of PCM product post shipment to Japan.
- Worked in a team environment with members located at various places in the US, as well as in Hiroshima Japan.
- Monitor the progress of the team and to push for sustained improvement in the quality of the product.
- Facilitated communication among team members, including leading a conference call once per week.

Visteon Corporation **Airbag Sensor Engineer** 11/1997 to 6/1999

- Crash Test Support for Airbag system crash testing at customer site.
- Application of Airbag Sensor to customer's vehicle, including continued communication with customer.
- Facilitation of communication between product group in US and customer in Japan through use of Bi-Lingual capability.

Delphi Automotive Systems **Ignition Systems Engineer** 5/1995 to 11/1997

- Project Leader for component Validation "Hot" and "Vibration" test trip, for all components for a particular program
- Application Engineer for Ignition Systems, Air Flow Meters, and Electro-Motor Cruise Control
- Experienced gained in electronics
- Implemented Ignition Energy testing in Japan.
- Applied Ion-Sense ignition system to customers vehicle program