

CURRICULUM VITAE

Andrew T. Kan, B. Sc., E.I.T.

ACADEMIC QUALIFICATIONS

2011 Bachelor of Science in Mechanical Engineering, Biomedical Option
(with distinction)
University of Alberta

PROFESSIONAL ASSOCIATIONS AND MEMBERSHIPS

- Member, Association of Professional Engineers, Geologists and Geophysicists of Alberta

PROFESSIONAL CAREER

2010 - Present **ANDERSON ASSOCIATES CONSULTING ENGINEERS INC.**
Mechanical Engineer in Training

- Material and mechanical equipment failure analysis including detailed examination and documentation, non-destructive testing, mechanical testing, metallurgical evaluation, and stress analysis
 - Downhole oilfield tooling, bearings, valves, pipeline, welded joints, sprinklers, cranes, compressors, pumps
- 3D solid modeling
- Finite element analysis
- Personal injury investigation involving equipment malfunction and building code violations
- Property loss investigation including fire and water loss analyses
 - Residential and commercial buildings, personal and commercial vehicles
- Motor vehicle accident reconstruction and analyses
 - Accident site and collision vehicle examination

2008 - 2009

UNIVERSITY OF ALBERTA - DEPARTMENT OF
MECHANICAL ENGINEERING

Mechanical Engineering Co-operative Student

- Concept design and prototype manufacturing of a novel emergency medical device and airflow testing apparatus
- 3D solid modeling
- Strength and application testing of device in porcine model