

Michael W. Wang

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OBJECTIVE: Full Time Engineer for Intel

SUMMARY OF QUALIFICATIONS

Knowledgeable of various deposition techniques such as CVD, PVD. Experience with electron microscope (AFM) and mask lithography. Basic knowledge of circuit design and logic gates. Wide range of computer skills in computational programs and data entry such as Matlab, Maple, C++, Molecular Dynamics Simulators, Unix.

EDUCATION

B.A., Chemical Engineering, Biotech Specialty, **University of Washington**, 2004

GPA: 3.22

M.S., Chemical Engineering, **Texas A&M University**, 2006 (in progress)

GPA: 3.80

RELEVANT COURSEWORK

- Nanotechnology
- Microelectronics Process Engineering
- MEMS devices and systems
- Integrated Circuits (Self-taught)

COMPUTER SKILLS

- Matlab/Simulink
- Maple
- Microsoft C++
- Cerius²
- Gaussian 03
- DL_Poly
- Aspen
- Unix

RESEARCH EXPERIENCE

Graduate Research at Texas A&M under professor Jorge Seminario
seminario@tamu.edu

- Incorporating siloxane units into low k polymer dielectrics -

- Use of molecular dynamics simulator (Cerius²) to analyze material properties of incorporating siloxane units into low k polymer dielectrics such as polyimides.