

Mary Janitek

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EDUCATION

Washington University

Bachelor of Science, Chemical Engineering, **GPA 3.6**

December 2000

COMPETENCY SUMMARY

- AutoCad 14, Basic, ChemCad, Fortran, JMP, MATLAB, Microsoft Office Suite, Polymath, Windows NT/98/2000
- Produce expert analysis documents, professional presentation and communication skills. Presented research models to audiences of over 100.
- Powerful written and verbal skills, efficient producer of strong language.

WORK HISTORY

MICROCHIP CORPORATION, PORTLAND, WA

May 1998 – January 1999

Process Engineering Intern

- Designed testing procedure to determine surface ionic contamination of computer boards due to chemical processing Implemented a water conservation program that resulted in an \$80,000 yearly savings.
- Supervised an intern staff of 12 during data acquisition and evaluation periods, and trained personnel affected by process improvement measures.
- Performed a statistical analysis of a lamination process for multi-layer computer board circuitry, resulting in a more accurate process capability and improved process control.
- Obtained certification required to operate several manufacturing lines with throughputs of 60,000 panels per week.

BLASLEY, FINK, AND JOHNSON, INC., PORTLAND, WA

January 1998 – May 1998

Research Assistant

- Identified, enumerated, and measured invertebrate species in soil sediments.
- Designed and applied a more cost efficient database program that organized subsurface soil data, resulted in a savings of \$3,000.
- Managed a monthly invoice of up to \$250,000 and formulated a spreadsheet that delineated costs based on allocated budgets as well as improving data accessibility by incorporating data from multiple software platforms.
- Demonstrated proficiency in technical writing through participation in technical reports, memoranda, work plans, specification plans and letters.

AWARDS AND ACTIVITIES

- Dean's Scholarship Award Winner
- National Collegiate Engineering Finalist
- National Merit Finalist