

JESSE A. HOUSER

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Objective To obtain an engineering position providing the opportunity to strongly contribute to organizational goals through continued development of technical skills and leadership abilities

Education **July 1999 – June 2004** **Kettering University** **Flint, MI**
Bachelor of Science in Electrical Engineering

- Recent Coursework
Microelectronics, Microelectronics Processing, Power Electronics, DSP, VLSI Design, Leadership & Ethics, Senior Design (automatic guitar tuner)
- Activities and Awards
Kettering Scholar, Publicity Director and Webmaster for Delphi-D Student Programs, volunteer tutor at Carver Center, Adopt-A-Highway, Relay For Life, Residence Hall Association representative

Aug 1995 – May 1999 **Eastern High School** **Greentown, IN**
Honors Diploma – Summa Cum Laude

- GPA: 4.0/4.1 Class Rank: Top 5%
- Advanced Coursework
AP Calculus, AP Physics, Advanced Chemistry, AutoCAD
- Activities and Awards
National Honor Society, Key Club, Math & Science Bowl, Sen. Richard Lugar's Symposium for Tomorrow's Leaders, Varsity Baseball, Marching Band, Kokomo Park Band, Volunteer at Kokomo Nesting Doves and Rescue Mission

Experience **June 1998 – Present** **Delphi Delco Electronics** **Kokomo, IN**

- Undergraduate Thesis
"Characterization of thin film platinum oxidation and its effect on electrical stability"
- Actively contributed to engineering projects in the following disciplines:
Microelectromechanical Systems (MEMS) Advanced Development, 8" Semiconductor Lithography, Design of Experiments, Measurement System Evaluation, Product Validation, Wafer Testing, Forewarn Backup Aid, Software Engineering, Hybrid Circuit Technologies
- Awarded a trade secret for two industry-leading Deep Reactive Ion Etch processes

Aug 1997 – Dec 1999 **The Pizza Place** **Greentown, IN**

- Managed approximately 10 employees, prepared and delivered food products, performed regular inventory checks, purchased supplies

June 1995 – Aug 1997 **Longrove Orchard** **Greentown, IN**

- Operated heavy machinery, assisted in building and equipment maintenance, cared for livestock

Computer Skills Proficiencies: Word, Excel, Access, PowerPoint, FrontPage, MathCAD, Maple, SDRC Ideas, AutoCAD, MATLAB, SPICE, Mentor Graphics, Multisim, Motorola 68HC11, C, JAVA, Visual Basic for Applications, HTML

References Available upon request