

**OBJECTIVE**

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To obtain a challenging position in the engineering field that will offer greater responsibility and the opportunity to more fully utilize my technical, design, and problem solving skills.

**SKILLS**

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- Electronics/Electrical Technology
- Chamber Vacuum Technology
- Ion Deposition and Process Maintenance
- Analog/Digital Circuits and Repair
- Small Engine Diagnosis and Repair
- Computer Assembly and Repair
- Computer Operation and Programming
- SolidWorks 3-D Mechanical Design Software
- Microsoft Office, Email, and Internet Software
- Teamwork, Leadership, and Customer Service

**EDUCATION**

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Pursuing a Bachelor of Science, Engineering Technology, Temple University (LCCC Campus)  
- Attended school full-time from 1/2002 to 12/2003  
- Currently working full-time and attending school part-time until expected graduation in 2007  
Associate in Applied Science, Electronics Technology, Lehigh Carbon Community College, 2002  
Associate in Specialized Technology, Electronics/Computers, York Technical Institute, 1993

**EXPERIENCE**

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**Sears (product repair center), Allentown PA, 2/2004 – present**

Job Titles: Line Technician, Lead Technician, Artisan

- Repair numerous types of lawn and garden equipment such as gasoline and electric lawnmowers, snow blowers, compressors, and chipper/shredders
- Use schematic diagrams to diagnose the cause of equipment malfunctions
- Advanced to the crank shaft line, which is the most technically challenging repair work
- Created instructional materials and demonstrate diagnostic techniques to train new hires
- Promoted to Lead Technician for recognized leadership ability and superior productivity
- Promoted to Artisan for broad knowledge of all repair functions and ability to learn quickly

**Lucent Technologies/Agere Systems, Breinigsville PA, 4/1999 – 12/2001**

Job Titles: Electronics and Photonics Processor, Photonics Team Technician

- Assembled fiber optic amplifiers in an anti-static room environment
- Operated photo resist machinery in a clean room environment
- Assisted engineers with assembling and testing new equipment
- Originated and implemented ideas to:
  - Increase productivity of the photo resist process by 11 minutes per lot
  - Reduce dispense program's waste of photo resist materials by 66 percent
  - Correct a chemical safety hazard caused by a Solitec assembly flaw
- Received several Salute awards for achieving customer satisfaction

## **Diamonex, Allentown PA, 6/1994 – 10/1998**

Job Titles: Production Technician, Research and Development Technician

- Developed innovative ways of coating optical products
- Experimented with chemical properties to acquire optimal quality of finished product
- Analyzed results using computers, stress analyzers, haze and thickness meters, etc.
- Focused on safety measures and assisted with the implementation of ISO 9000 standards
- Used vacuum chambers to coat glass with a protective, scratch resistant coating
- Assisted in developing a new anode source for coating optical lenses
- Maintained UV-VIS Machine and related computer
- Rebuilt diffusion pumps as needed for production
- Developed an understanding of Kaufman 16cm source
- Supervised a team and focused on both independence and teamwork to get desired results

## **Wells Fargo, Bethlehem PA, 10/1993 – 6/1994**

Job Title: Security Guard

- Patrolled assigned grounds and buildings to ensure security
- Adhered to a structured schedule and developed time management skills
- Worked independently and gained the ability to prioritize

## **Skies Unlimited, New Tripoli PA, 6/1993 – 6/1995**

Job Title: Computer Technician / Software Developer

- Assembled an 80386 DX 40 MHz computer for business purposes
- Conducted a self-study to learn the Quick Basic programming language
- Designed a custom software application for invoicing and record keeping
- Strengthened problem-solving skills by resolving software and general computer problems
- Became an effective organizer and communicator
- Focused on detail and overall quality of assignments

## **HOBBIES / INTERESTS**

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- Designing electronic circuits to modernize older cars (such as power windows and warning lights)
- Automotive rebuilding and customization
  - Converted a 1985 Camaro from a carburetor to a fuel injection system
  - Installed a new engine, transmission, rear differential, enhanced sound system, etc.
  - Designed schematics for light and sensor circuits
- Computer upgrades, problem diagnosis and repair for family and friends
- Snowboarding, skydiving, bicycle riding, motorcycle riding