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**Objective:** To obtain a **permanent position** where my solid academic background and strong work experience can contribute to the information technology needs of a company.

**Skills & Education:** 2000 – 2004 Rose-Hulman Institute of Technology Terre Haute, IN

- Bachelor of Science, **Computer Science**
- Completed courses and designed projects, for class and personal use, in
  - **C, C++, C#** and **OpenGL**
  - **PHP**
  - **Java, JSP, and Servlets**
  - **ASP/Visual Basic [6/.NET]**
  - **Scheme**
  - **HTML, XML/XSL, CSS**
- **Led** 5 members of senior project team in the development and deployment of a **web-based manufacturing system**
- **Unix** administration and programming
- **Webmaster** of independently-run website, where most class work is documented
- Database [**Microsoft Access/SQL, MySQL**] administration
- Extensive use of **Windows 98/2000/XP** and **Microsoft Office** products
- **Network** administration and maintenance
- Applied **process lifecycle and management** experience

**Activities:** Rose-Hulman

- **Delta Sigma Phi** fraternity
- **ACM programming contest** (International Collegiate Programming Contest)
- French Club (highly proficient in reading, moderately proficient in speaking)
- **Judiciary Committee**

Personal

- Tae Kwan Do (7<sup>th</sup> Gup Green Belt)
- Meals on Wheels

**Work Experience:** 2006-Current TheArcLink, Inc. Bloomington, IN

**Technology and Information Manager**

- Designed and implemented lost family member index and search service
- Designed and implemented online roommate matching service utilizing a **.NET/SQL Server** infrastructure
- **Optimized** database, including foreign key and constraint creation, implementation of views and stored procedures, and data validation
- Designed, implemented, and maintained **backup solution** for workstations, servers, websites, and databases
- **Troubleshoot** networking, PC, and server related issues to **minimize downtime**
- Designed and implemented **solutions to streamline data collection**, entry and access

2002-2006 Neoteric Hovercraft, Inc. Terre Haute, IN

**Vice President, Information Management**

- **Managing** all informational, networking, and computing aspects of the company, including backup procedure, flow of information, manufacturing process design & implementation, shipping and receiving, budgeting, and employee leadership
- **Led** 3-6 team members towards designing and implementing a **web-based manufacturing system**
- Designed and implemented a **part-costing algorithm** using VBA (converted to PHP/Java)
- Operated in an **independent atmosphere** to learn a customized product
- **Troubleshoot defects** in a Microsoft Access 2000 manufacturing database

Summer 2001            Comm-Comm, Inc.

Indianapolis, IN

**Microsoft Help Desk Attendant**

- **Troubleshoot problems** for callers
- Earned **Microsoft Certification**

2000-2001            Red Cross

Terre Haute, IN

**Computer Administrator**

- **Trained** members of the community in First Aid techniques
- Maintained a **website** for the Red Cross of Wabash Valley
- Performed other miscellaneous **computer duties** as needed

*(References and Recommendation Letters Available Upon Request)*