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Micheal Ihbe

OBJECTIVE

Pursuing a challenging career in an innovative business environment that will expand upon my skills in design, implementation, and leadership within the field of Computer Science.

EDUCATION

University of Michigan College of Engineering   Ann Arbor, MI
BSE Computer Science - GPA: 3.5/4.0   Winter 2008

- Software Design
- Computer Architecture
- Data Structures and Algorithms
- Object Oriented Programming
- Operating Systems
- Artificial Intelligence
- Computer Security & Networking
- Database Management Systems

EXPERIENCE

Younoodle.com   San Francisco, CA
Senior Engineer   Fall 2008-Present

- Overseeing all technical decision making including infrastructure, framework, and feature design
- Growing infrastructure from 2 servers to 10, scaling traffic from 100,000 monthly hits to 1.5M
- Tripling the size of the engineering department in 1 year, overseeing all hires
- Prioritizing business issues and managing the development cycle, quickly and successfully delivering many internal and external customer projects
- Architecting and building an horizontally scalable data mining framework from the ground up, collecting ~700,000 data points every day
- Assisting with the creation of innovative data analysis algorithms, including finding related companies and YouNoodle Score™
- Managing the acquisition of vendor services including decisions regarding hosting, storage, and distributed content delivery solutions

Apple Inc.   Cupertino, CA
Software Development Engineer   Summer 2008

- Designing and implementing a log collecting utility that aggregates log messages produced by software-update tests and presents them in aggregated reports to a searchable database
- Creating a deployment solution to push and configure my log-collecting utility to any new or out of date machines on the testing network
- Learning about design from the best people in the industry

Amazon.com   Seattle, WA
Software Development Engineer   Summer 2007

- Designing and implementing an internal test utility that validates a service release by comparing service call responses to logged data or a live service instance
- Leading design discussions producing a powerful, generic, and highly extendable database schema for my test utility
- Gaining experience in a highly distributed environment solving massive scalability problems
- Proposing and selling my product to internal customers via meetings and presentations

University of Michigan – Housing IT Office   Ann Arbor, MI
Residential Computer Systems Consultant   Fall-Spring 2006

- Providing technical support/education and coordinating computer use compliance to over 1,000 residents while maintaining 50 networked workstations

HighJump Software   Edina, MN
Product Development Intern   Summer 2005, 2006

- Designing and implementing configurable commercial database application installation tools for variable customer environments
- Conducting unit tests and quality assurance of large scale supply chain applications in a test-driven development environment utilizing NUnit
- Coordinating development with on and off-shore development teams using Agile Scrum methodologies, VersionOne and regular teleconferencing

COMPUTER SKILLS

Environments	Linux, MacOS X, Windows
Applications	MySql, Oracle, Apache, Nginx, Lucene, MS Office, etc
Development	Ruby, PHP, HTML, SQL, C, C++, Java, Perl, C#, Clojure, Python