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Objective

To break in to the internet industry and develop a new class of highly refined computing experiences, applying my rare combination of technical prowess and design capability.

Profile

Passionate software engineer with over **8 years of experience** developing in the web era, specializing in applications which deliver powerful functionality as well as a refined user experience. Proficient in developing a complete architecture for an application prior to development, cutting costs on large revisions. Strives for the most elegant solutions to the most challenging development problems. Highly detail-oriented, and is a serial group leader. Other computing capabilities include:

- Algorithm patterns
- Networking, internet protocols
- Web service optimization
- Version control
- Graphic design
- Database optimization

Education

THE UNIVERSITY OF MICHIGAN (COLLEGE OF ENGINEERING)

Degree: Bachelor of Science, Computer Science Engineering (In Progress)

Date: 2008-2012 GPA: Projected 3.0 at conclusion of Sr year

Curriculum Highlights:

Logic Design, Computer Organization, Data Structures and Algorithms, Database Management Systems, Interactive Computer Graphics

Professional Experience

SELF-EMPLOYED

Title: Freelance Web Developer Date: 2004-2010

Description:

An entrepreneurial venture of my own, developing web applications for clients across the globe, including the United States, Canada, United Kingdom, and Malaysia. Duties also included inheriting and improving existing applications. Reduced the CPU load of one high-volume database system by **over 50%** through optimizations in code and database schema.

Qualifications:

Proficiency in Adobe Photoshop®, X/HTML markup standards, Cascading Stylesheets, Javascript, PHP, Ruby, and popular frameworks including jQuery and Rails.

U-M CAEN (COMPUTER-AIDED ENGINEERING NETWORK)

Title: Database Developer Date: 2008-Present

Description:

Employed by the University of Michigan College of Engineering's computing network, CAEN, to develop infrastructure for the university's Oracle databases. Duties include data aggregation, report generation, synchronization of data across multiple servers and platforms, and development of database-driven administration applications on a small team.

Qualifications:

Background in Java, Perl, SQL, relational databases, and core networking technologies.

References

References and code samples are available upon request.