STEVEN RADEN
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Skills

Experienced	JavaScript // jQuery // HTML // CSS // SQL // Java
Comfortable	PHP // Bootstrap // UX Design // Web Design // Database Design
Acquainted	Python // Project Management

Education

University of Washington   **Informatics: Human Computer Interaction**

June 2015   GPA: 3.64   INFORMATICS GPA: 3.82

<u>Related Coursework</u>

Java Programming I & II // Web Programming // Intellectual Foundations of Informatics // Human-Computer Interaction // Natural Language Engineering // Database Management // System Analysis // Data Structures and Algorithms // Information Structures

Projects

What To Eat (WTE)
Facebook Regional Hackathon

Collaborated with a colleague to create a web application using jQuery, Bootstrap, and Node.js. Designed and implemented the user interface with an emphasis on mobile devices.

Classwork

Database Migration

Worked with a team of peers on a competitive project to migrate data from one database system to another and to keep the data synced. Using SQL Server's SSIS and CDC functions our group completed the project.

Huffman Coding

Implemented an algorithm in Java to compress .txt files into binary.

Graphs

Implemented Dijkstra's algorithm in Java to find the shortest path from node "A" to node "B".

PC Parts Database

Planned, designed, and built a database including stored procedures, views, and constraints on Microsoft SQL Server.

Systems Analysis

Managed a group of peers to analyze a company's systems and to provide a more efficient solution.

Employment

Research Assistant
UW iSchool
June 2014 - Current

Redesigned the UI and implemented new features for a PHD research project called Gidget. Gidget is an educational game to introduce programming and debugging to users. You can play at helpgidget.org.

Data Migration Engineer
UW iSchool
Jan 2014 - Jun 2014

Designed, created data models and data flows for the data migration of corporate Customer Relationship Management system. Worked with executive management and IT to understand specifications, logical processes and architecture. Presented an executive overview during bi-weekly status meetings during the development phase.

Awards

Facebook Hack

"App with most potential" at Facebook Seattle Regional 24hr Hackathon

UW Deans List
Year 2012-2013
Year 2013-2014

Maintained above 3.5 GPA in all classwork