

Suim Hurr

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EDUCATION (8/99 – 5/02) **University of Southern California, Los Angeles, CA**
M.S. Computer Science. GPA 3.5

(7/96 – 12/96) **Rice University, Houston, Texas**
ESL Program. Completed the courses before the advanced course

(3/83 – 2/87) **KyungPook National University, Daegu City, South Korea**
B.E. Electrical Engineering, Specialized in Computer Science

RELEVANT COURSE WORK

- Data Structure
- Programming Technique
- Data Communication
- System Programming
- Pattern Recognition
- Operating Systems
- Translation of Programming Languages
- Software Engineering1
- Database Systems
- Issues of Programming Language Design
- Software Engineering2(current)
- Complex Analysis
- Programming Language Structure
- Numerical Analysis
- Computer Architecture Theory
- System Simulations
- Algorithm Analysis
- Introduction to Computer Networks
- Probabilistic Methods in Computer Systems Modeling
- Broadband Network Architecture
- Database Interoperability(current)

EXPERIENCE

Through Class Projects

(8/01 – 12/01) **Issues of Programming Language Design (CSCI571)** –

Installed and Configured Apache Web Server.

Designed and developed Web applications, a USC Computer Science Courses Registration System, with MySQL backend using HTML, CSS, XML, JavaScript, PERL/CGI.

Development Environment: Unix.

(1/01 – 5/01) **Database Systems (CSCI585)** –

Designed a conceptual schema, a database system of a travel agency, using the EER Data model, incorporating this schema into an Informix OR-DBMS and created queries on Informix SQL3.

Designed and developed an application that uploads the ASCII format geographical spatial information, the geographical coordinates of various railway stations and various railway lines, into Informix OR DBMS, queries the spatial database and presents the spatial query results graphically within a context. Used JAVA, the INFORMIX geodetic datablade, and JDBC.

Designed XML DTDs, prepared XSL files, and created XML data files and created queries using XML-QL and XQL.

Development Language: JAVA, JDBC, INFORMIX OR DBMS , XML, XSL, XML-QL, XQL.

Development Environment: Unix.

(8/00 – 12/00) **Translation of Programming Languages(CSCI410)** –

Wrote a complete compiler for an object-oriented language, which is called Cool.

Learned the theory and practice of constructing a compiler.

Studied such topics as lexical analysis, parsing, semantic analysis, run-time organization, code generation, and optimization.

Development Language: C++.

Development Environment: Unix.

(8/00 – 12/00) **Probabilistic Methods in Computer Systems Modeling(EE465)** –

Developed simulation programs, an event driven simulation approach is taken, to simulate M/M/m queuing system.

Development Language: C++.

Development Environment: Unix.

Through Work

(5/94 – 11/95) Application Programmer and System Analyst, in the System Development dept., WIT Information Telecommunication Corporation, Co., Ltd., Seoul, Korea –

Designed and developed application programs for the Personnel Administration Management System of the Korea Water Resources Development Corporation.

Designed and developed application programs for the Personnel Administration Management System of SK energy marketing Co., Ltd.,

Did Know-How Supporting on SQL Windows and prototyping work for computerizing the registration related work of the Supreme Court.

Development Language: SQL Windows(Gupta Corp., U.S.A.) – 4 G.L, Oracle database, Uni-Sql database.

Development Environment: VAX, HP.

(01/87 – 01/93) Application Programmer and System Analyst, in the MIS dept., Daewoo Information Systems Co., Ltd., Seoul, Korea –

Analyzed and designed the Export/Import Management System of Daewoo Electronics Co., Ltd.,

Developed and maintained the Export/Import Management System of Daewoo Electronics Co., Ltd.,

Development Language: COBOL, IMS DBMS.

Development Environment: IBM 3090 ESA/XA.

SKILLS

Languages experienced: C, C++, COBOL, HTML, CSS, PERL/CGI, JAVA, JavaScript, XML, XSL, XML-QL, XQL, SQL Windows.

Databases experienced: mySQL, INFORMIX, Oracle, Uni-Sql, IMS.

WebServer experienced: Apache WebServer Installation and Configuration.

Languages studied: ASP, JSP, JavaServlet, PHP, VBScript.

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