

# **M.S. COMPUTER SCIENCE**

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## **OBJECTIVE**

Seek a Programmer Analyst position.

## **EDUCATION**

M.S., Computer Science, May, 2005  
The Pennsylvania State University, Capital College, Middletown, PA

**Master's Thesis:** *Object Tree– A Graphical User Interface For Editing Specification Objects*

B.S., Computer Science, May, 1997  
University of Texas, Austin, TX

## **WORK EXPERIENCE**

RESEARCH ASSISTANT, July 2001 – Present CCGH, Harrisburg, PA  
Primary duties: Design, Development, and Implementation Database, Applied Visual C++, ODBC and MS Access to User Interface Design, Creating Software Installation and User Manual, Imaging Digitized, Networking, Webpage Design.

PROGRAMMER, June 1997 – Dec. 2002, Mason Canoeing Enterprises, Ottawa, Canada  
Primary duties: SAS System Programmer; Operations, Procedures, and Systems Analyst; Embedded SQL Programming in SAS, C or C++; Structured and Object Oriented Programming; Data files transfer; Database Design and Planning; Data Modeling techniques and management for data warehouse implementation.

## **QUALIFICATIONS**

- Persistent, thorough, and creative in researching and completing tasks.
- Perceptive in identifying structure of current problems, and implementing solutions.
- Flexible, and able to learn quickly.
- Insightful in thinking, and systems integration.
- Self motivated, people oriented, and team player.

## **LANGUAGE FAMILIARITY**

UNIX & C; Visual C++; SQL; PASCAL; FORTRAN; ASSEMBLY; LISP; SAS; SCHEME; PROLOG; TCL/TK; JAVA; HTML.

**RELATED COMPUTER APPLICATIONS**

Hardware: PCs; IBM mainframes, ThinkPad; SUN Workstations. Software: Microsoft Office package (WORD, EXCEL, ACCESS, Project, PowerPoint); DB2; LOTUS 1-2-3; ODBC; WORD PERFECT; VISIO; DOS; UNIX; EXCEED; NOVELL Networking; Control Center; WINDOWS; WINDOW XP; WINDOW NT; SAS system.

**RELEVANT GRADUATE COURSES**

Object-Oriented programming; Programming Language; Advance Programming Language; Data Structures; Computer Algorithms; Advanced Algorithms; Advanced ASSEMBLY; Communications & Networking; Systems Simulations; Numerical Analysis; Artificial Intelligence; Software Engineering Design; Systems Programming; Operation Research; Statistics; Linear Algebra; Computer Applications; Concrete Mathematics; Database; Advanced Database Design; Design and Analysis of Algorithms; Advance Operation System; Compiler Construction.

**PROFESSIONAL AFFILIATIONS**

- American Data Systems Association member, May 1997 – present
- American Association for Computing, Aug, 1995 – present

**HOBBIES AND INTERESTS**

Canoeing/kayaking, camping, photography, bicycling, running, and rock climbing

**REFERENCES AND TRANSCRIPTS**  
**AVAILABLE UPON REQUEST**