

Joshua D. Nasman

Education

August 2007 to current Rensselaer Polytechnic Institute Troy, NY
Pursuing Degree:

Doctorate of Philosophy in Computer Science

Completed Coursework:

Operating Systems, Computability and Complexity

Current Coursework:

Programming Languages, High Performance Parallel & Distributed Computing,
Computational Fluid Dynamics

August 2003 to May 2007 Gordon College Wenham, MA
Degree:

Bachelor of Science in Computer Science and Mathematics

Relevant Coursework:

Introduction to Computer Science, Introduction to Programming, Object-Oriented Software Development, Computational Structures and Algorithms, Computer Systems I, Computer Systems II, Artificial Intelligence, Numerical Analysis, Computer Graphics, Programming Languages, Computers and Society, Senior Seminar: Software Engineering I, Software Engineering II

Research experience

Research Assistant

Fall 2007-current Rensselaer Polytechnic Institute Troy, NY

The research done with Professor Carothers involves large-scale Parallel Computing. With the assistance of Professor Carothers, I am currently designing a program to simulate the performance of an existing Fluid Dynamics program on a supercomputer larger than those currently available.

Research Co-op

Spring-Summer 2007 Gordon College Wenham, MA

While researching Operations Research with Professor Veatch, responsibilities included running Linear and Dynamic Programs, designing programs to study error types in this field, and producing a paper summarizing the results. Over the summer, I also assisted two other research assistants with beginning research in the field.

Research Experience for Undergraduates

Summer 2006 Texas A&M University College Station, TX

This summer was spent working on a simulator of a distributed system to solve a mathematical problem. The simulator was finished, debugged and tested. A formal presentation culminated this 10 week program.

Work experience

Chapel Attendance Checker

August 05 to May 07

Gordon College Wenham, MA

- Scan students ID cards to give them credit for mandatory chapel attendance as they left
- Confront students coming to chapel late as they were not allowed to receive credit

Customer service desk clerk and Self-checkout Assistant

June 2002 to August 2003 and May 2004 to May 2006

Stop and Shop South Yarmouth, MA and Danvers, MA

- Work to solve customers' problems
- Sell lottery tickets and balance lottery drawer
- Distribute and cash paychecks
- Teach customers how to use automated self-checkout lanes
- Troubleshoot problems with the self-checkout lanes
- Supervise customers purchasing at these lanes

Teacher's Assistant

August 06 to December 06

Gordon College Wenham, MA

- Assist students during lab session
- Write and grade labs for professor

Grading Assistant

August 06 to December 06

Gordon College Wenham, MA

- Grade homework for a Mathematics in Business class

Media Tech Assistant

September 03 to May 04

Gordon College Wenham, MA

- Make copies of College media when requested by clients
- Set up equipment for campus events
- Repair campus equipment

References Available Upon Request