

Jon Roberts

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Experience

Jun 2001 - present

Mentata Systems

Sole Proprietor

Software Development and Consulting

- Work independently under contract to annual profitability
 - Plan, analyze, design, code, and test web applications
 - Engineer, release, and manage open source software products
 - Produce, engineer, and publish studio and live recordings
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Aug 2007 - present

Davis School District

Secondary Teacher

Alternative High School Math Chair

- Design, implement, and assess school-wide mathematics curriculum
 - Teach courses in mathematics, computer programming, and GED/UBSCT
 - Maintain the school web site, advise MESA, and serve on the steering committee
 - Attend state and national conferences in math education
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Jul 1998 - Jun 2001

Penn State Hershey Medical Center

Senior Systems Engineer

Web Administration and Applications

- Built internet/intranet web infrastructure for academic health center
 - Handled all administration for web, ftp, directory, and search services
 - Responsible for systems administration of critical network devices
 - Designed and created web sites for IT services and administration
 - Developed multi-tier enterprise web applications with reported ROI
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Feb 1994 - Mar 1998

United States Air Force

Programmer System Analyst

Lieutenant, Lead Software Developer

- Conducted exclusive oversight on a half-million dollar contract
- Led a seven member team on a three thousand man-hour project
- Developed and taught in-house perl programming course
- Trained for re-classification as a software engineer
- Analyzed, designed, coded, and tested various software applications
- Served on the organization's formal CMM capability evaluation team

Education

Northwestern University, 1993
Bachelor of Arts in Computer Science
Bachelor of Arts in Mathematics
GPA 3.3

Shippensburg University, 2001
Master of Science in Mathematics
GPA 4.0

Weber State University, 2006
Secondary Teacher Certification
Mathematics major, Computer Science minor
GPA 3.9

Professional Education

2009 English as a Second Language Teaching Endorsement
2006 Student Teaching Intermediate Algebra, Geometry, Computer Technology
1999 Sun Education Introduction to Java Programming Language
1998 Advanced Perl Programming Course
1997 Software Professional Development Program
1994 Basic Computer Officer Training Course

Achievements

Engineer, OpenLDAP Project
Recognition of Excellence, Praxis Mathematics Content Knowledge
Distinguished Graduate, Basic Computer Officer Training Course
Distinguished Graduate, Air Force ROTC Detachment 195
Four-Year Air Force ROTC Scholarship recipient
National Merit Finalist