

Jonathan Voris

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Objective

To obtain a challenging software engineering position where I can solve interesting problems and benefit the world using innovative Computer Science techniques.

Skills

Operating Systems: Red Hat and Mandriva Linux, NetBSD, Windows 2000 and XP
Software: Plone, Eric3 IDE, Eclipse, MS Visual Studio, IBM Websphere Development Studio
Languages: Python, C++, C, Java, PHP, MATLAB, SQL, HTML, XML, Scheme, JSP, JScript, VB

Technical Experience

Research Assistant

5/06-Present

Stevens Institute of Technology, Hoboken, New Jersey

- Researched existing security papers to determine direction of projects.
- Performed mathematical analysis to verify security of systems.
- Managed a team of students to study security vulnerabilities.
- Implemented new cryptographic protocols.

Teaching Assistant

8/04-5/06

Stevens Institute of Technology, Hoboken, New Jersey

- Instructed students in fundamental and intermediary Java.
- Educated students in introductory MATLAB.

Software Developer

1/05-8/05

The Burgiss Group, Hoboken, New Jersey

- Programmed customer management system based on open source technology.
- Planned company projects utilizing software engineering principles.
- Redesigned existing products to meet new business needs.
- Installed and operated software application server.

Software Developer

5/04-8/04, 1/03-5/03

Tri-Bry IT Solutions, Hoboken, New Jersey

- Studied new technologies for production of more efficient web applications.
- Structured business databases for use with web based software.
- Designed and developed proprietary accounting software.

Network Operator

8/03-12/03

Lehman Brothers, New York, New York

- Tested new hardware and software to ensure compatibility and reliability.
- Organized meetings with users to resolve networking difficulties.
- Maintained and monitored international business network.
- Administered major network upgrades.

Education

M.S., Computer Science Currently Pursuing, Graduating 5/07

Stevens Institute of Technology, Hoboken, New Jersey

- Cumulative GPA: 3.800 - Dean's List

B.S., Computer Science Graduated with High Honors 5/06

Stevens Institute of Technology, Hoboken, New Jersey

- Minors: Economics, Philosophy
- Cumulative GPA: 3.606 - Dean's List
- Bloustein Distinguished Scholar, Edwin A. Stevens Scholar, Scholar of Excellence
- Chapter President of UPE National Computing Honor Society

Major Subjects

Fundamentals of Cryptography

Discrete Math for Cryptography

Fundamentals of Cybersecurity

Cybersecurity Forensics

Software Engineering and Design I & II

Computer Architecture

Computer Vision

Artificial Intelligence

System Administration

Operating Systems

Theory of Programming Languages

Theory of Computation

Personal Profile

College Activities: Music Committee President, Gamers Club Vice President, Radio Club, Intramural Sports, Peer Mentor

Interests: Politics, Art, Music, Comics