

Wesley Shields

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OBJECTIVE: To obtain a research based position to further develop my interest in the area of computer security.

EDUCATION: **Rochester Institute of Technology** Rochester, NY
Degree: Bachelor of Science in Information Technology
Concentrations: Networking, Systems Administration, and Criminal Justice

EXPERIENCE: **Central Intelligence Agency, Office of Security** Langley, VA
Systems Engineer 9/03 - Current

- Engineer custom security software to protect agency information
- Respond to malicious code incidents on sensitive agency networks
- Assist in technical review of security related products

RIT, Information and Technology Services Rochester, NY
Windows Technician 10/99 – 9/03

- Troubleshoot client and server problems for staff and faculty
- Recognize the problem and determine the best solution
- Implement resolution over phone or in user's office

RIT, Information and Technology Services Rochester, NY
Network Team 12/00 – 3/01

- Knowledge of Cisco IOS on switches and routers
- Test cables and jacks using toners and amplifiers, or flukes.

PC Solutions of CNY, Inc. Syracuse, NY
Computer Technician 11/98 – 6/99

- Basic repair and upgrades for desktop PCs
- Extensive experience dealing with customers and general public

Portal Software, Inc. Cupertino, CA
IS Specialist Intern Summer 1998, 1999, 2000

- Built and installed desktop/laptop computers and development Solaris computers
- Migrated users from 95/98/NT to Windows 2000
- Maintained large scale Windows NT/2000 domain, MS Exchange and Sendmail
- Creation and upkeep of NIS configuration
- Upgrade and maintenance of TCP/IP network including switches and routers

ACTIVITIES: Computer Science House (CSH) Member
CSH Executive Board member for one and a half years
CSH Evaluations Director (half year only)
Submit patches and new additions to the FreeBSD ports tree
Active research and development of computer security related topics

REFERENCES: Available upon request