

# Bill Weiss

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## EDUCATION ◇ **New Mexico Institute of Mining and Technology**, Socorro, New Mexico

BS in Computer Science, minor in Philosophy

Notable Coursework:

- Software Security (CS 391-02)
- Zero Defect Programming (CS 391-04)
- Legal, Ethical and Social Issues of Computer Science (CS 382)
- Digital Forensics (CS 491-02)
- Compilers (CS 423)

## WORK ◇ **Student employee**, X-DO, Los Alamos National Labs, (September 2006 - current)

EXPERIENCE Los Alamos, New Mexico

- Performed security testing on third party software
- Wrote web-based applications for managing host and application security testing
- Wrote automation software for host security monitoring and testing

## ◇ **Lab/Teaching Assistant**, Computer Science department, New Mexico Institute of Mining and Technology, (August 2003 - May 2007)

Socorro, New Mexico

- Wrote assignments and managed classroom for CS Ethics course, 4 semesters
- Wrote and administered lab assignments for second semester freshman CS course, 2 semesters
- Taught second semester freshman CS course, 2 semesters

## ◇ **Cyberdefender**, CCN-5, Los Alamos National Labs, (June 2003 - August 2006)

Los Alamos, New Mexico

- Wrote software for automation of data forensics (summer 2003)
- Wrote software to automate interfacing with terraserver.microsoft.com (school year 2003-2004)
- Wrote software using MPI to generate DES/MD5 hash tables (summer 2004)
- Worked Computer Security Incident Response Team (CSIRT) (summers 2004 - 2006)

## ◇ **Senior User Consultant**, Technology Computer Center, (January 2002 - January 2004)

New Mexico Tech, Socorro, New Mexico

- Supervised security of computer labs
- Supported userbase of 2000+ students plus faculty and alumni
- Obtained highest performance reviews among peers

## ◇ **Technical Support**, USurf America, (January - June 2000)

Santa Fe, New Mexico

- Supported 5000+ users nationally via phone, email, and in person

- SKILLS
- ◇ Programming Languages: Advanced knowledge of C, Python, PHP, and Bash scripting. Intermediate knowledge of C++, Java and Perl.
  - ◇ Linux server administration
  - ◇ DNS (Bind), Email (Postfix), and HTTPD (Apache) administration
  - ◇ Systems and network security (both setting up and maintaining a secure environment)
  - ◇ Incident response and data forensics
  - ◇ Customer support via email, phone or in person

INTERESTS

- Penetration testing / red-team
- Network and system security
- Incident response
- Data forensics