

David E. Mandelberg

david@mandelberg.org

Waltham, MA

Technical Skills

<i>Programming Languages</i>	Python, C++, SQL, Java, PHP, C, Perl, Bash, Scheme, AWK, L ^A T _E X
<i>Operating Systems</i>	Linux (Debian, RHEL, Ubuntu), Windows, Mac
<i>Software</i>	Apache, Nessus, Snort, Netflow, Samhain/Yule, MySQL, OpenLDAP, Subversion, iptables
<i>Web Development</i>	HTML, XML, CSS, Cascade CMS, Django

Experience

Associate Engineer

Raytheon BBN Technologies

Cambridge, MA

May, 2010 – present

Developed framework for analyzing network intrusion detection system output, developed new algorithms to detect network anomalies and improved existing algorithms.

Additional Positions:

Undergraduate Researcher Intern May, 2010 – June, 2011

Student Information Security Administrator *Library and Technology Services*, Brandeis Univ.
Waltham, MA October, 2007 – May, 2010

Detected insecure and compromised computers on the network, monitored network usage and investigated anomalies, responded to data breaches, assisted law enforcement, detected exposed confidential personal information, answered security questions.

Teaching Assistant

Computer Science Department, Brandeis Univ.

Waltham, MA

August, 2008 – December, 2008

Graded programming assignments and held office hours for Programming in C and Java.

Computer Administrator

Yankee Flyer

Bloomfield, CT

June, 2004 – August, 2004

Set up web and email servers, created a backup system, fixed problems on workstations and servers, tightened security.

Education

Brandeis University, Waltham, MA

Bachelor of Science, May 2011

Majors Computer Science, Mathematics

GPA 3.75

Honors and Awards Justice Louis D. Brandeis Full-Tuition Scholarship, Dean's List

Relevant Courses Linear Algebra, Discrete Structures, Database Management Systems, Theory of Computation, Computer Structures and Organization, Abstract Algebra, Combinatorics, Software Development for IT Entrepreneurs, Number Theory

Other Skills

- Swing, Scandinavian Folk, Square, and Contra Dancing
- Portrait and Nature Photography
- Back-country Winter Survival

References upon request