

# Matthew Lavine

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## EDUCATION

**New Jersey Institute of Technology** - Newark, New Jersey

May 2016

*College of Computing Sciences, Bachelor of Science in Information Technology, GPA: 3.7/4.0*

Honors: Full merit scholarship, Albert Dorman Honors College, Dean's List, Phi Eta Sigma  
Freshman Honor Society

Leadership: President and co-founder of the Society of Musical Arts

Activities: Jazz Band, Wind Ensemble, Student Senate

Recent Coursework: System Administration, Ethical Hacking for System Administrators, Computer Forensics, Digital Crime, Computers Society and Ethics, Computer Systems Security, Principles of Operating Systems

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## EXPERIENCE

**AdvancedGroup.net** - Augusta, New Jersey

2013 - Present

*Intern Web Developer and System Administrator*

- Developed specialized content management systems using ColdFusion for clients in the financial and insurance sectors that were required to maintain HIPAA and PCI compliance
- Provided Infrastructure as a Service for 8 clients who wished to co-host in our datacenter
- Maintained 5 dedicated Microsoft SQL servers with failover protection to the US East and West Coast
- Maintained webmail servers for over 75 clients
- Maintained DNS and Domain servers in our internal datacenter
- Oversaw the company network and provided first-response to any external network attacks
- Assisted in the beginning of a mass migration of internal systems from our datacenter to Amazon EC2, including 10 servers
- Assembled, maintained, and repaired server hardware part of our internal infrastructure

**Kittatinny Regional High School** - Newton, New Jersey

2010 - 2012

*IT Technician*

- Implemented a new thin-client computing lab to increase maintenance efficiency
  - Improved school web presence by proposing and implementing a new school website
  - Maintained computing systems throughout all wings of the building
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## TECHNOLOGIES

*Programming:* NodeJS, Bash, Java, Ruby, Python, Perl

*Web:* HTML5, CSS3, JavaScript, AngularJS, jQuery, PHP, Grunt, LAMP, MEAN

*Virtualization:* VMware vSphere, Workstation, VirtualBox

*Deployment:* Docker, Vagrant, CoreOS, Puppet, etcd

*Source Control:* Git

*Software:* MySQL, mongoDB, nginx, Apache, IIS

*Security:* F-Secure, Microsoft Security Essentials, Avast, AVG

*IaaS:* Amazon Web Services, DigitalOcean, and Linode

*Operating Systems:* CentOS, Red Hat Enterprise Linux, Fedora, Debian, Ubuntu, Arch

Microsoft Server 2003 & R2, Server 2008 & R2, Server 2012 & R2, XP, Vista, 7, 8, 8.1