# Matthew Lavine

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## EDUCATION

**New Jersey Institute of Technology** - Newark, New Jersey                    May 2016 (Expected)
*College of Computing Sciences, Bachelor of Science in Information Technology, GPA: 3.6*

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

## WORK EXPERIENCE

**AdvancedGroup.net** - Augusta, New Jersey                    January 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, IaaS, 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                    June 2010 - June 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

## TECHNOLOGY SUMMARY

*Scripting*
- Bash, Ruby, Python, and NodeJS

*Software*
- VMware vSphere, VMware Workstation, VirtualBox
- LAMP, MS SQL, nginx, Apache, IIS, Grunt, Git
- F-Secure, Microsoft Security Essentials, Avast, AVG

*Technologies*
- TCP/IP, DNS, DHCP, WINS, SMTP, FTP, SNMP, SSH

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

*Operating Systems*
- CentOS, RHEL, Debian, Ubuntu, Arch
- Server 2003 & R2, Server 2008 & R2, Server 2012 & R2, XP, Vista, 7, 8, 8.1