

Moshe Van Berg

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Profile

Telecommunications Engineer with an education in Mathematics and Physics. Experience with design, improvement, repair, and maintenance of wireless networks. Analytically oriented, and passionate about programming, networking, mathematics, and physics.

Skills

- | | | | |
|-----------------------|--------------------|------------------------|-----------|
| • Applied Mathematics | • Fourier Analysis | • C++ | • Ruby |
| • Calculus | • Linear Algebra | • PHP | • R |
| • ODEs and PDEs | • Networking | • Scripting | • Splunk |
| • Real Analysis | • Java | • SQL/Oracle Databases | • Tableau |

Professional Experience

Wireless Data Core Engineer

Sep 2013-Current

ATNI, Castle Rock, CO

- Promoted to Core Engineer for exemplary work ethic and platform knowledge
- Mastered several CDMA and LTE call flows including SMS, MMS, AAA(RADIUS/DIAMETER), and data calls
- Lead engineer for the following platforms: Cisco ASR 5000 PDSN, FA, and HA; ALU AAA; Amdocs HSS/PCRF; MMSC; SMSC; OTA; BIND and Blue Cat DNS; Primal Voicemail, SCP, and OCS; Cricket network monitoring tool
- Constructed custom policy flows using Java-based proprietary Alcatel-Lucent PolicyFlow language
- Familiar with GSM and LTE data core and associated call flows
- Designed web apps to monitor various network elements using PHP, MySQL, HTML, CSS, and Ruby on Rails

Computer Repair Technician

Mar 2013-Sep 2013

F2OnSite\WorldWide Tech Services

- Traveled to customers' homes or offices for optimized convenience
- Consistently went above and beyond required labor to ensure complete satisfaction for all parties
- Embraced the importance of time management and efficiency when scheduling service calls

Server Design Engineer

Jan 2008-Mar 2013

Sound Science, Castle Rock, CO

- Provided technical support encompassing a multitude of software and hardware anomalies
- Built Computer Systems with Windows Home Server, Windows, Mac OS X, and Linux
- Anticipated and resolved customer issues and requests, interacted with customers of all ages, and consistently exceeded service delivery goals

Education

Metropolitan State University of Denver Aug 2009-Dec 2012

Bachelor of Science in Mathematics, Minor in Physics

Overall GPA: 3.6 Major GPA: 3.7

- **Mathematics** courses including *Chaos Theory and Non Linear Dynamics*, *Partial Differential Equations*, and *Real Analysis*
- **Physics** courses of note: *Mathematical Methods in the Physical Sciences*, *Analytical Mechanics*, and *Modern Physics*
- **Electrical Engineering** courses including *Circuit Analysis* and *Digital Circuit Design*