

# MATTHEW URBANSKI

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## EDUCATION

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**Pace University** New York, NY, USA • Bachelor of Science in Computer Science, 2006-2009

**US Army Signal Corps** Fort Gordon, GA • Signal Support Systems Specialist (Secret Clearance), 2004-2006

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## WORK HISTORY

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**Apple SPG - Devops/SRE** (September 2017-Present)

**DevOps Engineer** *Sunnyvale, CA*

- Working at enormous scale to implement continuous delivery for cross functional teams targeting hardware, software, and firmware products
- Ensuring reliability, stability, and visibility of critical delivery infrastructure
- Working together on something really big that potentially could change the world for the better

**Slice - Devops Engineer** (January 2017-August 2017)

**DevOps Engineer** *New York, NY*

- Led a migration from an AWS-based environment to a mostly containerized Kubernetes-based microservice infrastructure
- Worked closely with developers to implement continuous delivery practices
- Implemented advanced monitoring, metrics, and fault detection at all layers of the stack using Prometheus

**Contino - Principal Consultant** (January 2016-December 2016)

**DevOps Engineer** *New York, NY*

- Designed and built containerized infrastructure for large-scale enterprise clients
- Pushed clients closer to a continuous delivery reality through implementation and coaching
- Created the architecture for the future of deployments and infrastructure with microservices
- Designed new ways for clients to move faster through Devops methodologies and modern practices

**ThoughtWorks Inc - Lead Devops Consultant** (March 2012-December 2015)

**DevOps Engineer** *London, UK*

- Built automated continuous delivery pipelines for great clients
- Led the creation of build, test, and deployment systems for internal and client use
- Created fully automated private and public cloud platforms at enormous scale
- Learned to become a better leader by working with great ones

**Steepprock Inc - Operations Group** (August 2011-January 2012)

**Devops/Software Engineer** *Atlanta, GA*

- Implemented configuration management for all environments using Puppet
- Built a library of Puppet modules for deploying and testing Steepprock's application
- Maintained issue tracking and documentation systems
- Trained other admins and developers to use leverage configuration management for painless delivery

**Aedgency - Infrastructure Group** (February 2011-May 2011)

**Software Engineer/Devops** *Barcelona, Spain*

- Deployed and maintained hundreds of production, test, and development servers using puppet
- Supported with the .net and python teams maintaining their applications and code using continuous integration in Jenkins
- Maintained a Pan-European advertising network consisting of hundreds of physical (RHEL) and virtualized (KVM) servers across dedicated and leased links
- Configured and purchased new servers for growing needs in new markets
- Maintained day-to-day uptime, sanity, and health of servers and services running on them

**Algo Engineering** (June 2008 - December 2010)

**CTO** *New York, NY, London, UK*

- Designed, built, and maintained a low-latency, redundant, dark fiber MAN with execution access to all local markets
- Leveraged Infiniband technologies to achieve near zero latency in local host to host communication
- Configured and maintained all networking equipment (routers and switches) for transport around Algo's dark fiber ring using IGMPv4, ip pim, OSPF
- Built a high-level packet timestamping FPGA device using NetFPGA
- Solely responsible for all network and trading operations, 24/7 including archival of trading and strategy backups and financial compliance data

**Magicworks** (April 2007 - June 2008)

**Lead Sysadmin** *New York, NY*

**Insight Enterprises** (December 2006 - June 2007)

**Lead Technician, Onsite Project Manager** *New York, NY*

**United States Army 204th Military Intelligence Battalion** (Army service 2004-2006)

**S6, Electronic Warfare Office** *Fort Bliss, TX*

## SKILLS

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- Expertise and confidence in GNU/Linux and Solaris administration, security by design and philosophy, monitoring, full-stack thinking, Cisco IOS and other vendor OSes, low-latency switching and routing, multicast networking, configuration management and virtualization
- Excellency in container operations and orchestration with Docker, Kubernetes, Docker, CoreOS, and related infrastructure concerns
- High proficiency with internet and database technologies such as NGINX, Apache, mysql, PostgreSQL
- Skilled in software development in ruby, C,  $\LaTeX$ , puppet, chef, and ansible
- Absolute comfort with communicating efficiently, version control, quickly and calmly putting out fires in production environments, command line-fu, packet inspection, and continuous delivery and deployment pipelines
- Enthusiasm for programming in Clojure and Scheme, high frequency finance, web programming, natural language processing, social web mining
- Growing hatred, but continued tolerance for unmanaged (non-CM) UNIX/Linux servers, Windows-based filesystems

## INTERESTS

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- Juggling, Cycling, Natural languages (Russian, Spanish), Literature, conspiracy theories, Indian cooking, Running (competitively), science fiction, unicycling, traveling