

## Education

<i>Bachelor of Science, Computer Science</i> California State Polytechnic University, Pomona 3.00 Cumulative GPA	2012 - N/A
<i>Associate in Arts, Liberal Arts Emphasis in Mathematics and Sciences</i> Mira Costa College	2010 - 2012

## Languages

*Russian*, native speaker  
*English*, fluent  
*Spanish*, basic

## Experience

<i>Associate Manager, Infrastructure Modernization at SADA Systems, Inc.</i> <ul style="list-style-type: none"><li>Continued working with clients while leading a team of three Engineers</li></ul>	2021 - present
<i>Sr. Cloud Engineer at SADA Systems, Inc.</i> <ul style="list-style-type: none"><li>Consulted and assisted clients in migrations between AWS, GCP, Kubernetes, EKS, GKS, Cloud SQL, hosted PostgreSQL, MySQL, MSSQL and related systems</li><li>Configured and managed CI/CD services, including Spinnaker and Jenkins X</li><li>Embedded with clients to containerize and migrate applications to Kubernetes</li><li>Worked according to clients' timelines, uptime and technical constraints</li><li>Specific client work including, but not limited to:<ul style="list-style-type: none"><li>Anonymous Client 1<ul style="list-style-type: none"><li>Led team to help migrate VM and Kubernetes workloads from AWS to GCP</li><li>Migrated Redis instances as well as PostgreSQL databases</li><li>Reworked Ansible Kubernetes deployments to Helm Charts with full CI</li><li>Configured all infrastructure and network configuration in Terraform</li></ul></li><li>Anonymous Client 2<ul style="list-style-type: none"><li>Worked with a team of developers to generate CI for routine tasks</li><li>Generated Terraform code for all required infrastructure</li><li>Generated various load-testing infrastructure in code</li><li>Helped with incident response where necessary</li></ul></li><li>Anonymous Client 3<ul style="list-style-type: none"><li>Assisted in cleaning up GCP access for former employees</li><li>Generated documentation for removing access</li></ul></li><li>Anonymous Client 4<ul style="list-style-type: none"><li>Assisted in cleaning up Chef codebase, drastically reducing its size</li><li>Containerized an application ecosystem</li><li>Generated a deployment pipeline targeting EKS via Helm Charts</li></ul></li><li>Anonymous Client 5<ul style="list-style-type: none"><li>Generated Ansible and Terraform code for Windows instances</li><li>Successfully described the new environment in GCP entirely in code</li></ul></li><li>Anonymous Client 6<ul style="list-style-type: none"><li>Analyzed GCP environments for vulnerabilities</li><li>Generated documentation and audit rules for mitigating vulnerabilities</li></ul></li></ul></li></ul>	2018 - 2021

- Anonymous Client 7
    - Assisted in regenerating SSL certificate automation on production Kubernetes workloads
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- Sr. Site Reliability Engineer at Grindr, LLC* 2017 - 2018
- Managed AWS (EC2, IAM, RDS, Redshift, Route53, S3, etc.) with Terraform
  - Structured and built RPM and DEB packages with fpm-cookery and Revolution
  - Transitioned infrastructure from legacy Ubuntu to CentOS
  - Configured CI/CD using Jenkins pipelines for several projects
  - Automated tasks with Ansible
  - Worked with other teams to operationalize development efforts
  - Participated in and submitted bugfixes to relevant OSS projects
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- Platform Engineer at NordstromRack.com/HauteLook* 2016 - 2017
- Built, structured and maintained AWS cloud infrastructure with Terraform
  - Implemented CI/CD for AWS AMI builds using Jenkins Pipelines and Packer
  - Co-wrote an Nginx routing tool using TDD and a containerized testing harness
  - Managed configurations with Ansible, Puppet and Chef at the Data Center and AWS
  - Automated tasks with Ansible
  - Transferred infrastructure configuration management from Puppet to Chef
  - Presented and participated in the weekly CISSP exam study group
  - Participated in relevant OSS projects
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- Systems Administrator at Dreamhost* 2016
- Automated routine tasks with Perl and Bash using internal libraries
  - Monitored and fixed issues on systems
  - Deployed new machines using Chef and Nephology
  - Built, compiled and deployed packages across several hosting infrastructures
  - Made operational changes to production servers
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- Network Analyst at Cal Poly Pomona* 2014 - 2016
- Continued leading the campus-wide VoIP phone system migration
  - Automated daily tasks for Avaya PBX
  - Installed and managed Cisco infrastructure, including analog voice gateways
  - Migrated Avaya analog lines to Cisco SCCP, MGCP and H.323 ports
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- Co-lead the campus-wide VoIP phone system migration at Cal Poly Pomona* 2014
- Set up a system for automating Cisco Unified Call Manager population
  - Automated information gathering from Avaya PBX
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- Instruction & Information Technology at Cal Poly Pomona* 2013 - 2014
- Troubleshoot and repaired laptops, desktops and printers
  - Organized, documented and inventoried computers and other hardware
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- Collegiate Cyber Defense Competition at Cal Poly Pomona - Linux team* 2012 - 2014
- Secured, maintained and defended simulated networks and servers from intrusions
  - Worked on the Linux team and collaborated with other teams: Windows, Network Infrastructure and Business
  - Performed system audits and composed reports and presentations for the simulated company and its representatives
  - Practiced building and securing services and servers with the team (15hrs/week)
  - Wrote documentation for to be used by team members during the competition
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- Data Recovery Technician, Internship at Drive Medics Data Recovery* 2010 - 2012
- Assisted clients in the data recovery process, performed data recovery and forensic services

- Used proprietary hardware and software in the data recovery processes
- Maintained servers and the local network, set up websites and blogs
- Developed and maintained a hard drive inventory program with barcode and photo integration

*USS Midway Aircraft Carrier Museum - Flight Simulator* 2009

- Repaired and set up flight simulators, computers and network infrastructure

*Internship at Scripps Institution of Oceanography IT Department* 2008 - 2009

- Assisted in managing servers; repaired and troubleshot staff desktops, laptops and printers

*Slava's Consulting* 2006 - 2008

- Repaired desktops, laptops, built computers, set up websites and servers

## Relevant Coursework

*Operating Systems*  
*Telecommunication Networks*  
*Web Development*  
*Database Systems*  
*Advanced Java*  
*C++*  
*Data Structures & Algorithms*

## Extracurricular Activities

General Amateur Radio license holder since 2016  
 Technician Amateur Radio license holder 2014 - 2016  
 Annual attendee of *Southern California Linux Expo* and *DEFCON* 2011 - 2017  
 Presenter and participant of the CISSP Study Group at *NordstromRack.com/Hautelook* 2017  
 President of *Interactive Web Development club* at *Cal Poly* 2014  
 Treasurer of *Interactive Web Development club* at *Cal Poly* 2013 - 2014  
 Treasurer of *Students with Interest In Future Technologies* at *Cal Poly* 2013 - 2014  
 Canyon Crest Academy team at *SAIC/UCSD Cyber Defense* Computer Security Contests  
 • Second place team 2008  
 • First place team 2007