

# Paul Mekhedjian

Computational Physicist | Linux Engineer



## Experience

2021-05 -  
Current

### Linux Engineer

*The Aerospace Corporation, El Segundo, CA*

- Developed infrastructure as code to manage department and corporate infrastructure using Puppet for desired state configuration management on thousands of nodes

2019-12 -  
2021-01

### IT Systems Administrator and Cloud Engineer

*Xytech Systems, Chatsworth, CA*

- Deployed company software for hundreds of end-users using DevOps tools in Azure, with cybersecurity-conscious principles (DevSecOps) to automate processes
- Onboarded new employees and maintained company Active Directory (AD) and on cloud (Azure)
- Supported cloud infrastructure (Linux + Windows) and managed client services on Microsoft Azure and Google Cloud

2019-08 -  
2021-01

### Helpdesk Software Support Analyst and Jr. Cloud Engineer

*Xytech Systems, Chatsworth, CA*

- Provided world-class support / helpdesk for company software and solved critical, time sensitive issues for U.S. in native English and EMEA clients in fluent German (C1 Level).

2018-08 -  
2018-12

### Quality Assurance Engineer

*Element Materials Technology, Huntington Beach, CA*

- Managed records and data on 100s of employees, maintained accurate records for Quality Assurance department for materials testing lab in aerospace industry. Reported at daily meetings with management.

## Leadership and Personnel Management

2015-01 -  
2019-01

### Boy Scouts of America

*Scoutmaster - Troop 440, Canoga Park, CA*

- Assisted in developing and implementing program ideas, planned activities for units and evaluated program quality.
- Woodbadge Trained and Certified (WLACC W4-51-17), Range Safety Officer (RSO), First Aid Certified

## Education

2022-01 -  
Current

### Doctor of Philosophy: Aerospace Engineering And Mechanics

*The University of Alabama - Tuscaloosa, AL*

Expected completion: 2026

2012-08 -  
2014-11

### Master of Science: Physics

*TU Darmstadt - Darmstadt, Germany*

2004-09 -  
2009-06

### Bachelor of Science: Applied Physics

*University of California, Santa Cruz - Santa Cruz, CA*

## Contact

### E-mail

paul.mekhedjian@gmail.com

### LinkedIn

<http://linkedin.com/in/paulmekhedjian>

## Languages

English



Excellent

German



Excellent

Armenian



Excellent

## Skills

Linux + BSD (All flavors)



Excellent

Amazon Web Services



Very Good

Data Analysis + Visualization (Rstudio, Matplotlib, Vist)



Excellent

Python + Bash + PowerShell



Very Good

Networking (TCP/IP)



Very Good

Microsoft Office 365



Good

Security



Very Good

Databases



Very Good