Mark Opfell

Software Exposure & Skills

Programming Languages	Python
Python Packages	NumPy, SciPy, Matplotlib, Json, Requests
Tools	Eclipse, eGit, GitLab, GitHub
APIs & Standards	JSON
Databases	PostgreSQL, MongoDB

Work Experience

Job Title	**Systems Engineer**	
Employer	**Kymeta**	Redmond, WA
Period	**February 2018 – Present**	

Cool stuff here.
Cool stuff here.
Cool stuff here.
Cool stuff here.

Job Title	**Systems Software Engineer**	
Employer	**Space Systems/Loral**	Mountain View, CA
Period	**October 2016 – January 2018**	

Award wining role of leading, developing, and managing a production Python client and services to exchange data between a PostgreSQL database storing 17 years of antenna data and an RF downlink capacity tool.

Job Title	**Senior Systems Engineer**	
Employer	**Space Systems/Loral**	Mountain View, CA
Period	**March 2015 – October 2016**	

Developed Python analysis tool to model complex amplitude and time delay of 10,000+ passive and active electronic units for a ground-based beamforming network.
Awarded by the CEO for saving $0.25 Million and 3 weeks of production schedule with Python tool simulations.

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Job Title	**Systems Engineer**	
Employer	**Space Systems/Loral**	Mountain View, CA
Period	**June 2012 – March 2015**	

Automated calculations for the world's highest capacity satellite's gateway downlinks at 32,000 Watts of transmit power.

Developed and maintained budgets analyzing RF channel performance over 80 unique countries during 1.5 year satellite design cycle.

Education

Degree	**Bachelor of Science in Electrical Engineering**
University	**University of California, Davis**
Period	**June 2009 – June 2012**

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