

Daniel Pono Takamori

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My career has spanned both the technical: working as an SRE and designing CI systems, and the non-technical: project governance and community organizing. My interests are in providing open alternatives for infrastructure to FOSS projects and increasing diversity, inclusivity and social justice efforts in tech organizations.

Speaking: SeaGL **Keynote** 2020: The Soul of a Computer, Donating to FOSS Infrastructure (SCaLE 2017), Intro to Crypto (DevOps Bootcamp), and Group Theory for Programmers (Barcamp)

Miscellaneous: Engineering evaluations of sinks, **Apache member**, 1 kyu Go player

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Software Freedom Conservancy

Community Organizer

May 2021 - Now

- Project liason dealing with governance, infrastructure and logistics supporting projects: git, Godot, Inkscape, Selenium, OpenWrt and many others
- Helped coordinate and develop expansion of free (as in beer AND speech) infrastructure for replacing proprietary systems

The Linux Foundation

Release Engineer

Feb 2019 - November 2020

- Infrastructure Working Group lead for Tungsten Fabric
- Worked with Tungsten Fabric and Zowe TSCs to support community driven CI/CD
- Development of REST API for managing projects and CI/CD pipelines for Linux Foundation projects

The Apache Software Foundation

Site Reliability Engineer

Oct 2015 - Oct 2018

- Migration of legacy VMWare into (Cloudstack, AWS, \$cloudprovider) + Ubuntu + Puppet
- Transition Buildbot and Jenkins into Puppet; Docker for build dependence separation
- Respond to infrastructure needs in the Apache community of over 350 projects

Oregon State University Open Source Lab

Systems Administrator

2012-2015

- Project lead for IBM University Challenge, image build system for OpenStack images on OpenPower8
- Google Summer of Code Mentor for a Python REST API for interacting with IPMI
- Management of cloud and physical infrastructure for Python Software Foundation, Apache Software Foundation, Debian, Gentoo, Gnome, OpenMRS, OpenStreetMap, phpBB, ROS, Xiph

\$ cat /var/lib/education/college

Oregon State University

One year left

BS in Mathematics and Physics

- Course Work: Real Analysis, Topology, Differential Geometry, **Abstract Algebra**, Quantum Mechanics, Computational Physics, Computational Number Theory, **Error Correcting Codes**, Systems of ODEs, **Mathematical Biology**
- Implemented Diffie-Hellman over $\mathbb{Z}/p\mathbb{Z}$, wrote Fourier Transform for bitmaps as a compression mechanism, and modeled love triangles as a coupled ODE system

GPG: 16C3 C2E9 CD1B 9D8A 31F1 DC3C DA31 BDDDB E2BA 6F3F