

Ryan Schouweiler

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Summary

Infrastructure Engineer who leverages curiosity, communication skills, and attention to detail in order to build reliable, scalable, cost-effective infrastructure. Strong proponent of the principles of DevOps.

Education

COMPUTER SCIENCE | JUNE 2018 | UC SANTA CRUZ

Took elective classes on networking, operating systems, and comparative programming languages.

Experience

INFRASTRUCTURE ENGINEER | EDOVO DECEMBER 2019 – PRESENT

- Participated in on-call rotation. Participated in and presented at incident reviews. Presented project status and priorities to the business during daily standups. Part of three-member infrastructure team.
- Peer-reviewed project work and set priorities with minimal supervision.
- Responsible for maintaining and building out hybrid cloud infrastructure including physical servers, virtual machines, and AWS cloud infrastructure, including updates and migrations of critical databases.
- Sole onsite engineer in charge of maintaining on-premise datacenter with 5 racks of equipment during migration to AWS. Onsite lead for an eight-hour onsite recovery effort after a complete loss of power.
- Responsible for maintaining, migrating, and updating a critical endpoint management system that secures over 19,500 educational tablets in jails and prisons throughout the US.
- Managed over 120 remote site networks that include network hardware and content delivery nodes.

DESKTOP SUPPORT ENGINEER | EDOVO NOVEMBER 2018 – DECEMBER 2019

- Hired as a Desktop Support Engineer, but quickly promoted to Infrastructure Engineer by taking every opportunity to work on projects, learn new skills, and gain more experience. Established a culture of support and collaboration. Documented tribal knowledge, and improved old processes.

LEAD RESNET TECHNICIAN, SUBJECT MATTER EXPERT | UC SANTA CRUZ SEPTEMBER 2016 – SEPTEMBER 2018

- Lead Technician supervising 25 other student technicians. Worked with engineers to resolve complex problems. Provided a student perspective during policy and decision-making.
- As Subject Matter Expert, was responsible for designing and implementing ways for users to consume the university's new IPTV service. Delivered a presentation to University leadership that helped to secure their buy-in to new technology systems and resulted in the Director of Business and Financial Management requesting my participation in the process to select UCSC's next television vendor.

RECIPIENT OF THE SENTI-MERRIMAN AWARD 2018

- National award presented to one student who has provided outstanding technical support and has made a significant impact on the technology program at their university. The award includes travel and fees for the annual Student Technology Conference. Presented on work with UCSC's IPTV service, focusing on .

OTHER EXPERIENCE

- Maintains and expands a homelab of four clustered hypervisors, networking equipment, and public cloud infrastructure. Self-hosts services including GitLab, DNS & DHCP, web servers, a home wiki, Plex, and others. Uses tools such as Packer, Terraform, cloud-init, and Ansible to stand up or replace services with single terraform commands. See Github repos for examples and explanation