

# Ryan Schouweiler

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## Summary

Leverages curiosity and communication skills to break down silos and build effective infrastructure. Always looking for opportunities to improve processes and learn new skills.

## 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

- Member of a 3-person infrastructure team supporting over 120 remote site networks, 138 Content Delivery Nodes, 3 physical datacenters, and diverse public cloud infrastructure in AWS.
- Responsible for maintaining, migrating, and updating a business-critical endpoint management system that secures over 19,500 educational tablets in jails and prisons throughout the US.
- Participated in on-call rotation and incident review processes. Presented team's status to the business during daily standups. Responsible for managing priorities with little supervision.
- Managed project to deploy BGP routing protocol to 113 Cisco Routers.
- Built systems with all processes automated and captured as code with the goal of being able to destroy, recreate, and manage infrastructure in a repeatable, scalable manner.
- Sole onsite engineer in charge of maintaining an on-premise datacenter. Primary resource for migrating physical servers into public and private clouds.

### 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 inefficient processes.

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

- Led 25 other student technicians. Worked with university 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 television service. Delivered a presentation to University leadership that helped to secure their buy-in and resulted in the Director of Business and Financial Management requesting my participation in the RFP process for the 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. Presented to the annual Student Technology Conference on my work with UC Santa Cruz's television service.

### OTHER EXPERIENCE

- Maintains a homelab of physical servers, networking equipment, and cloud infrastructure. Self-hosts services including GitLab, DNS & DHCP, web servers, Plex, and others. Uses tools such as Packer, Terraform, cloud-init, and Ansible to stand up or replace services with a single command. See [dorwinia.com](https://dorwinia.com) for examples.