

# Christoph Victor Schild

## Software Developer

### CONTACT

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### EDUCATION

B.S.B.A. INFORMATION SYSTEMS  
MINOR COMPUTER SCIENCE  
CERTIFICATE ENTERPRISE SYSTEMS  
*Northern Arizona University*  
2016 - 2020

### AWARDS & CERTIFICATIONS

CERTIFIED CLOUD PRACTITIONER  
*Amazon Web Services (AWS)*  
8/2021

INFORMATION SYSTEMS ANALYST  
*Institute for the Certification of Computing Professionals*  
7/2020

OUTSTANDING SENIOR: INFORMATION SYSTEMS  
*Northern Arizona University*  
Spring 2020

### SKILLS

Fluent German (Native Speaker)  
Javascript (Node/ES6)  
React/Vue  
Python  
Docker  
Kubernetes  
AWS  
Gitlab CI/CD

### PROFILE

Software Developer with experience in modernizing business applications using automation, the cloud, and robust coding practices in industry-standard languages and frameworks. Seeking out a new professional challenge.

### PROFESSIONAL EXPERIENCE

SOFTWARE DEVELOPER - SITE RELIABILITY ENGINEERING  
State Farm | Tempe, AZ | 6/2020 - Present (+Internship 2019)

- Worked on the *Site Reliability Engineering* Team to build solutions to minimize downtime of business-critical applications
- Implemented assessment tool for teams to validate their infrastructure resilience against best practices
- Worked on the *Automation and Tooling* Team to automate legacy business apps through CI/CD integrations, and by deploying to Kubernetes, significantly reducing operational costs
- Helped upskill and train teammates on topics like SSO Authentication and Database ORM solutions
- Independently developed an extension to Puppeteer that allows for the fully automated testing and reporting of React/SPA web apps with authentication.
- Received several commendations, awards, and a raise in the first year of employment

HIGH-PERFORMANCE COMPUTING STUDENT TECHNICIAN  
Northern Arizona University | Flagstaff, AZ | 9/2018 - 12/2019

- Performed sysadmin tasks on 100+ node HPC cluster
- Routinely performed hardware upgrades & maintained regular relationships with vendors
- Assisted with training and onboarding for new users
- Taught Intermediate-level Slurm classes
- Developed a dependency tracking system to report on unused software package

HIGH-PERFORMANCE COMPUTING INTERN  
Los Alamos National Laboratories | Los Alamos, NM | Summer 2017/2018

- Completed the *Supercomputer Institute*. Evaluated scaling challenges with large Raspberry Pi clusters
- Built a custom web application for NM Supercomputing Challenge
- Analyzed and produced comprehensive reports on CPU load distribution in cluster workloads