

# Darin Pantley

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I am a technology enthusiast with a background in software engineering, DevOps, and quality assurance. I enjoy working within and across teams to build creative new products, work on unsolved problems, and improve existing solutions.

## EXPERIENCE

### Gogo

Chicago, IL

#### Lead Engineer, DevOps

May 2018 to Present

- Rebuilt the DevOps team after 7 of 9 engineers and our director, VP, SVP, and CEO left the company
- Reduced feature development risks through cross-org collaboration; socialization of Git and Docker

#### Senior Engineer, DevOps

January 2017 to May 2018

- Worked with 10+ teams to drop our time-to-market for software updates from 4 months to 30 minutes
- Led a small team to design/implement a CI pipeline using Jenkins, GitLab, Artifactory, EC2, and Redis
- Socialized the adoption of consistent automated testing techniques across Dev and QA teams

#### Senior Engineer, Software

September 2016 to January 2017

- Virtualized a large embedded Linux system using Vagrant and VirtualBox to enable better testing

### Riverbed Technology

Champaign, IL and San Francisco, CA

#### Member of Technical Staff, Developer Tools

October 2013 to September 2016

- Created Git/SVN syncing using Python and Jenkins
- Upgraded build environment from C++03 to C++11
- Hosted company hackathons at my home

#### Member of Technical Staff, Protocols Optimization

February 2013 to November 2014

- Coordinated the integration of SteelHead and SteelCentral across 4 distributed teams
- Reverse engineered Citrix XenApp 6.5 client drive mapping protocol with remote pairing partner
- Created CI pipeline using Jenkins

#### Member of Technical Staff, Interceptor

February 2011 to January 2013

- Added VLAN segregation to a 10 Gbps line-rate-capable user-space network driver written in C++11
- Reduced bandwidth needed for HA load balancer by updating an algorithm in kernel-mode C code

## SKILLS

<b>Collaboration</b>	Atlassian (Jira, Confluence, Trello), BugZilla, Microsoft (Office 365, Skype), Slack
<b>Certifications</b>	SAFe 4 Certified Agilist, ScrumMaster
<b>Methodologies</b>	immutable infrastructure, infrastructure as code, microservices, self-service
<b>Languages</b>	Bash, C, C++, Python, Perl/PCRE; C#, Groovy, JavaScript, PHP, Ruby, Go, Rust
<b>DevOps</b>	Artifactory, GitLab, GitHub, Jenkins, Spinnaker, SVN, Terraform, Vagrant, Vault
<b>Infrastructure</b>	Amazon Web Services, Google Cloud; ESXi, VirtualBox; Docker, Kubernetes
<b>Editors</b>	Notepad++, Vim, Visual Studio Code; Eclipse, IntelliJ IDEA, Visual Studio
<b>Networking</b>	DHCP, DNS, HTTP, OSI, TCP/IP, UDP; Microsoft Message Analyzer, tcpdump, Wireshark
<b>OS</b>	Linux, macOS, Windows
<b>Web</b>	Django, Flask, Rocket, Vue.js; CSS, HTML, MVC, REST, SPA, XML, XPath, YAML

## EDUCATION

### University of Illinois at Urbana-Champaign

Bachelor of Science in Computer Science from the College of Engineering

#### Chair, ACM Special Interest Group for Artificial Intelligence

2007 to 2010

#### Senior Capstone Project, Rockwell Collins

Fall 2009 & Spring 2010

- Implemented computer vision algorithms in C for an autonomous Roomba vacuum cleaner