Austin Christiansen

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EDUCATION

Arizona State University   Tempe, AZ
Bachelor of Science in Computer Science (In Progress)   Aug. 2021 – Expected May 2024
GPA: 4.0

University of North Dakota   Grand Forks, ND
Bachelor of Science in Commercial Aviation   Aug. 2013 – May 2016
GPA: 3.7

EXPERIENCE

Software Engineer Intern   Tempe, AZ (Remote)
Cloudflare   May 2023 – Aug. 2023
- Designed and implemented a scheduled deletion feature for Cloudflare Stream, allowing users to set specific deletion dates for their videos and live stream recordings
- Enhanced alerting mechanisms to detect and address potentially fraudulent streams
- Authored a post on the Cloudflare Blog
- Technologies used: Go, TypeScript, React, Kubernetes, PostgreSQL

Captain, First Officer   St. George, UT
SkyWest Airlines   Nov. 2016 – Nov. 2021
- CRJ-200, 700, and 900 Pilot in Command of Part 121 domestic and international passenger operations
- Responsible for all aspects of the flight including leading crewmembers and mentoring new pilots
- Ensure the safe and efficient operation of the airline before, during, and after the flight

Certified Flight Instructor, Supervisor of Flight   Grand Forks, ND
University of North Dakota   May 2015 — Nov 2016
- Provide flight and ground instruction for private, instrument, commercial pilot, and flight instructor applicants
- Conduct flight and oral examinations to ensure safes operation within standards
- Conduct spin training for flight instructor applicants and international students
- Supervise flight activities to ensure the safe and efficient operation of the flight school

PROJECTS

TunnelHop (In Progress) | *Go, TypeScript, PostgreSQL, Docker*
- Network tunneling application for creating and managing HTTP and TCP tunnels with TLS support

PhoneProxy | *JavaScript, Cloudflare Workers*
- Phone number proxy for SMS messaging using Twilio and Cloudflare Workers

GoChat | *Go, SQLite*
- Simple chat application utilizing HTTP, WebSockets, and SQLite

PUBLICATIONS

Introducing scheduled deletion for Cloudflare Stream   blog.cloudflare.com
- Cloudflare Blog post introducing a new product feature

Scheduled Tweets With Cloudflare Workers   austinchristiansen.com
- Posting tweets to Twitter API v2 using a Scheduled Event on Cloudflare Workers

Understanding Binary Search Trees   austinchristiansen.com
- Creating a templated binary search tree written in C++

TECHNICAL SKILLS

Languages: Go, Python, Java, C/C++, TypeScript, JavaScript, C#
Technologies: Kubernetes, React, Docker, Git, Linux