

Adam Melnyk

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SKILLS

Python, Java, Bash, Ruby, Rust, SQL

EXPERIENCE

Senior Software Engineer Nov 2024
Closinglock, Austin, TX

- Lead switch to trunk based development across Engineering
- Lead project to integrate with third party Title Protection Software systems
- Lead project for customizable tracking and notifications services
- Lead project for core api services development
- Implemented and facilitated switch from existing Esign Provider to DocuSign

Senior Cloud Engineer May 2023 - May 2024
Trellix, Austin, TX

- Developing and maintaining serverless APIs using *Python*, *AWS Lambda*, and *Dynamo DB*
- Converting and integrating Windows detection, analysis, and scanning applications into *.NET AWS Lambdas*
- Creating CICD pipelines with *Cloudformation* and preparing a govcloud deployment for FedRAMP authorization

Senior Software Engineer November 2022 - February 2023
Cloudtrucks, Austin, TX

- Improving the core onboarding flow using *Python* and *Django*

Senior Software Engineer October 2021 - September 2022
Seesaw, Austin, TX

- Refactored CSV processor and pipeline, increasing resiliency, consistency, and test coverage *resulting in the fewest bugs during any back to school season*
- Maintained administrative interface using *Python* and the *Tornado* web server

Software Engineer October 2017 - October 2021
Vrbo, Austin, TX

- Planned and implemented a multi-currency checkout and refund system
- Developed Geographical Search API's and tools as a part of the Geo, Search Services Team
- Built scalable web services with *Java*, *Dropwizard*, *Kafka*, and *Elasticsearch*

PROJECTS

CHIP 8 Emulator: CHIP 8 emulator using *Rust*
SCLI: Sonos CLI tool using *Rust*
Gameboy Emulator: An emulator for the original Nintendo Gameboy using *Rust*
Personal Blog: Computer science and programming related topics

EDUCATION

Bachelor of Arts
University of Alberta, Edmonton, AB, Graduated December 2014
Major: Computing Sciences **Minor:** Philosophy