

Noah Tigner

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EXPERIENCE

Senior Software Engineer

04/22 – Present

Alteryx

Remote

- Collaborated with stakeholders to shape the design and implementation of several client-facing software systems
- Spearheaded various initiatives, including the creation of a shared component library, the implementation of linting and formatting guidelines, unit and end-to-end testing, CI/CD, etc.
- Mentored and onboarded new hires while serving as a subject matter expert (SME) in critical areas

Cloud Services Developer (SWE II)

04/21 – 04/22

HP

Remote

- Solely maintained an internal software service; optimized the Django backend to reduce average API latency by 20% while simultaneously introducing a React frontend
- Improved system scalability and resilience through containerization, distributed multitasking, etc.
- Implemented cloud-based services that seamlessly integrated with platforms and organizations across HP

Software Engineering Intern

06/20 – 03/21

Air-Weigh

Eugene, OR

- Designed and developed a full-stack cloud application using Django, React, MySQL, and AWS
- Maintained a SaaS solution built with Java Spring Boot, JavaScript, MySQL, Apache Tomcat, and AWS
- Developed a microservices prototype with Flask, PostgreSQL, React, and Redux

Software Engineering Intern

06/19 – 09/19

TDS Telecom

Bend, OR

- Developed ETL pipelines using Python and SQL for network diagnostics and capacity reporting
- Optimized automated processes, resulting in reduced server load and enhanced performance
- Followed Test-Driven Development (TDD) to integrate coding, testing, and design into a unified process

EDUCATION

University of Oregon | Bachelor of Science with Honors

09/16 – 03/21

Major in Computer Science

3.62 / 4.0

Major in Spatial Data Science

3.72 / 4.0

PORTFOLIO & OPEN-SOURCE PROJECTS

validate-env-vars

npmjs.com/package/validate-env-vars

- A lightweight utility to check the presence and validity of environment variables, as specified by a Zod schema
- Intended for use in local development and CI/CD pipelines. Distributed via NPM

Discover Daily

github.com/noahtigner/DiscoverDaily

- A recommender system for Spotify that analyzes your library and generates curated playlists daily
- An ML model trains on your preferences by analyzing metadata and audio parameters. An automated process then feeds related songs through the model and generates a new playlist each day

TECHNICAL SKILLS

Languages: Python, TypeScript/JavaScript, Java, SQL

Frameworks: React, Django, FastAPI, Flask, Spring Boot, JUCE

Tools & Services: Docker, AWS, Gitlab CI, Azure DevOps, NginX, Git, Traefik, FFmpeg, Postman, etc.