

# Noah Tigner

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## EXPERIENCE

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- Professional Software Engineer (Software Engineer II)** 04/22 – Present  
*Alteryx Remote*
- Collaborated with key 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 (Software Engineer 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

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- 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

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- Discover Daily** [github.com/noahtigner/DiscoverDaily](https://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
- SiteStall** [github.com/SiteStall/SiteStall](https://github.com/SiteStall/SiteStall)
- A Firefox browser extension designed to enhance concentration by temporarily blocking distractions
  - Inspired by peer-reviewed data on the efficacy of barring access to potential distractions while studying

## TECHNICAL SKILLS

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**Languages:** Python, JavaScript/TypeScript, Java, SQL/NoSQL  
**Frameworks:** React, Django, Flask, Spring Boot, JUCE  
**Tools & Services:** Docker, AWS, Gitlab CI, Azure DevOps, NginX, Git, FFmpeg, Postman, etc.