

Jonathan Tsang

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Work Experience

Spotify - Software Engineer

August 2022

- Working on Podsights API team

LinkedIn - Software Engineer

August 2020 - May 2022

- Worked on Guest Experience Team (pages of LinkedIn from logged out view)
- Wrote data fetchers and batch data loaders in Java for a mid-tier service implementing GraphQL and performed code reviews
- Coded and deployed accessibility changes to guest pages (jobs, homepage, feed, organization)
- Interviewed candidates and did on-call shifts

TheTradeDesk - Software Engineer Intern

January 2020 - June 2020

- Worked on the Data Processing Team
- Designed the schematization of log workflow for log ingestion
- Incorporated Avro schema to C# code and integration and implementation into the codebase

LinkedIn - UI Engineer Intern

September 2019 - December 2019

- Worked on the Search Engine Optimization Team
- Developed an open-source NPM Package using Javascript, Babel, Webpack for Storybook using templating engine GlimmerJS as the rendering engine at @glimmerjs/storybook
- Made code changes to LinkedIn Guest pages to improve accessibility and SEO performance

Zenefits - Software Engineer Intern

May 2019 - August 2019

- Worked on the Infrastructure team focusing on the Jenkins CI and cloud infrastructure
- Used Docker, Ansible, Terraform, Amazon Web Services, and Jenkins in the project
- Incorporated the EC2 instances in a containerized cluster on AWS with Autoscaling Groups, Load Balancers, Virtual Private Cloud, and Elastic Container Service

Okta - Software Engineer Intern

May 2018 - August 2018

- Developed a back-end system that enables visibility into monitoring features and feature history for all of Okta's cell architecture
- Created REST endpoints for updating critical features and updating details
- Used Java, Spring, and Hibernate (SQL) in the backend, and Backbone.js for front-end

Education

University of Waterloo - Computer Science

2014-2020

- Minor in Combinatorics and Optimization
- Courses: Concurrency, Distributed Systems, Security, Networks, Algorithms, Operating Systems, Graphics

Awards

Competitive Programming - Weekly Contests

- Leetcode: [Top 1.2% Globally](#), 26th in Canada, current rating of 2106
- Binarysearch: Max rating of 1779, Top 4.08%

Devpost - Hackathons

- Won awards at MhacksX, ETHWaterloo, HackPrinceton, Okta Hackathon, Redbull Adrenalan, and Mhacks11