

ALAN TRAN

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New York, New York

EXPERIENCE

Senior Software Engineer, *Walmart Labs*, Hoboken, NJ

October 2019 - Present

- Built backend APIs by using Kotlin and Ktor framework
- Maintained pricing data pipeline which is written in Java and Apache Flink framework
- Monitored microservices with Prometheus and Grafana.
- Supported data scientists and provided data via daily ETLs in Azkaban

Web Developer, *Arrow Electronics*, Englewood, CO

December 2015 - October 2019

- Focused on site performance and SEO to improve organic traffic of Arrow.com
- Built the next generation of Arrow.com by using Sitecore and .NET MVC framework to implement new features such as location-oriented content and third-party checkout
- Followed Agile methodology to work in small teams

Web Developer, *Transim*, Portland, OR

April 2014 - December 2015

- Built web applications for several companies: Intel, Littelfuse, Onsemi
- Used jQuery for front end, C# for back end, and internal frameworks

Technology Summer Analyst, *Goldman Sachs*, New York, NY

May 2013 - August 2013

- Worked on Disaster Recovery Plan project in Virtualization and Cloud Computing team
- Built an algorithm to move important virtual machines to other places when something wrong happens with original places
- Used ExtJS for the front end, DB2 for the backend, and RESTful web services to connect them

EDUCATION

Master of Science in Computer Science *GPA: 4.00*

Jan 2019 - Present

Georgia Institute of Technology, Atlanta, Georgia

Bachelor of Science in Computer Science with Honors *GPA: 3.82*

May 2014

Rutgers, The State University of New Jersey, New Brunswick, NJ

TECHNICAL SKILLS

Programming: Kotlin, Python, Java, C#, MySQL, HTML/CSS/JavaScript

Software: Flink, Splunk, Kafka, Git, Hive, Hadoop, Cassandra, Google Cloud Platform, Prometheus, Grafana, IntelliJ

Operating Systems: MacOS, Linux, Window

CERTIFICATIONS

Sitecore XP 8.0 Certified Professional Developer, *Sitecore*

SCHOOL PROJECTS

Isolation game: built an adversarial search agent to play the game by implementing Iterative Deepening search for Alpha-beta pruning technique

Mattermost: started contributing to Mattermost, an Slack-like application written in Go and React

Fair-share Scheduler: modified Linux kernel (2.4.24) so that the CPU is fair between number of users rather than number of processes

SNFS (Simple Network File System): used C and FUSE library to implement a multi-threaded serverSNFS that is responsible for file management and request handling, a clientSNFS that acts as the proxy between applications and servers

Image Viewer: used AngularJS, Blueimp, Bootstrap, and Flickr API to display and search public images from Flickr