

# Tao Zhang

zhangtao.todd@gmail.com

540-449-4033

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Software engineer specialized in backend development with ten years of experience in designing and implementing scalable and robust systems.

## TECHNICAL SKILLS:

Strong:

Java, Kotlin, Groovy, Spring, JUnit, TestNG, Spock, Gradle, Maven, TDD, BDD, Git

Knowledgeable:

TypeScript, Python, Go, JavaScript, Docker, Rest-Assured, Bash, SQL, Jenkins

## PROFESSIONAL EXPERIENCE:

### Riot Games

Video Game and Entertainment

Los Angeles, CA

*Software Engineer*

March 2021 – Present

Worked on identity and user info related backend services (OAuth2, OIDC, etc.)

Tech stack: Golang, Kotlin, Gradle, Guice, Java, Maven, TypeScript, JavaScript, Node.js, Express, OAuth 2.0, OpenID Connect, Docker, Terraform, AWS, New Relic, MySQL, Liquibase, Python, Locust, Git

### EPAM Systems

Software Engineering Service     **Newtown, Pennsylvania** (worked remotely from Los Angeles Home)

*Software Engineer*

Nov 2020 – Feb 2021

Worked on a Portfolio Optimization project (Axioma integration) for Edward Jones.

Tech stack: Java 11, Spring Boot, Apache Spark, JUnit 5, Mockito, Gradle, Git, Jenkins, MongoDB, DB2, Kubernetes, Splunk

### Masimo Corporation

Medical Device

Irvine, CA

*Engineer, Advanced Software Automation*

Sep 2020 – Nov 2020

Built a Java automated test platform with multiple utilities and libraries to support medical device testing.

### Aura Financial Corporation (used to be called **Insikt, Inc.**)

Financial

Encino, CA

*Software Engineer*

May 2017 – Aug 2020

Built a Java Spring with Java, Groovy, Bash, Spring, Spring Batch, Gradle, SQL, Python, JavaScript, Git, IntelliJ, Jenkins.

**Research Now SSI** (rebranded itself as **Dynata** in January 2019)

Market research and sampling

**Encino, CA**

*Software Engineer*

Dec 2017 – Apr 2018

Built a Java Spring Boot application to manage on-demand Data Migration, which is used to maintain data integrity and data synchronization between Survey Builder (an app from SSI) and Samplify (an app from Research Now) after the merger of the two companies.

**Survey Sampling International** (merged with **Research Now** in Dec 2017 and rebranded itself as **Research Now SSI**)

Market research and sampling

**Encino, CA**

*Software Engineer*

Apr 2017 – Dec 2017

Created and maintained an in-house testing framework called Tzatziki, which was used by all IT Engineering teams (backend, frontend, mobile) for functional and performance tests.

**Survey Sampling International**

Market research and sampling

**Encino, CA**

*Sr. Software Development Engineer in Test*

Apr 2016 – Mar 2017

The UI testing module was written in Java (Selenium, TestNG and Cucumber)

The API testing module was written in Groovy (REST-Assured and Spock)

The performance testing project was written in Scala (Gatling)

The mobile testing module was written in both Java (Espresso/Appium) and Swift (XCUITest)

**Instantly** (acquired by **Survey Sampling International**, Jan 27, 2016)

Market research and sampling

**Encino, CA**

*Software Engineer in Test*

Oct 2015 – Mar 2016

Significantly decreased release time by designing extensions for an existing testing framework, which provides automated functional testing for APIs and GUIs with the reporting dashboard.

**20th Century Fox**

Secure content delivery system, digital asset management

**Los Angeles, CA**

*Consulting Software Engineer in Test*

Feb 2014 – Oct 2015

Architected and designed the first unified Selenium WebDriver based testing framework at the EMF division. This framework significantly increased developer productivity and was eventually adopted successfully by other divisions.

**Dalian Yetian Garment Import & Export CO., LTD.**

Fast Fashion

*Senior Engineer (remote)*

**Blacksburg, VA**

Sep 2009 – May 2011

Created and maintained automated tests for company website using Java and Selenium RC.

**Dalian Yetian Garment Import & Export CO., LTD.**

Fast Fashion

*Engineer*

**Dalian, China**

Jul 2006 – Aug 2009

Created and maintained automated tests with VBScript and QTP

**EDUCATION:**

[Aug 2011 – May 2013](#)

**Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, Virginia**

Master of Science - Industrial and Systems Engineering

[Sep 2002 – Jun 2006](#)

**Dalian University of Technology, China**

Bachelor of Science - Process Equipment and Control Engineering