# JASON FU

Software Development Engineer

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206.853.9332

## WORK EXPERIENCE

**Full-Stack Developer**

**TEKSystems Inc (Microsoft)** - Bellevue, WA

*July 2017 to June 2018*

**Project**: Hypnos DRI Automation Tool for Multitenancy

**Languages**: Java, JavaScript, HTML, CSS, T-SQL

The Multitenancy team is the primary team responsible for efficient workload distribution across Microsoft's internal instance of the Hadoop Distributed File System. The Hypnos DRI Automation tool was created to assist the Multitenancy team with the most tedious DRI activities.

- Build **Java** backend and **HTML/JS** frontend from scratch, using **jQuery** and **Bootstrap**
- Implement libraries from **Apache HDFS**, such as **Zookeeper**
- Work with Microsoft's internal tools like **Autopilot, Virtual IP**, and **XTS**

**Software Development Engineer I**

**HCL America (Microsoft)** - Bellevue, WA

*November 2015 to February 2017*

**Project**: Relevance & Revenue Ads Marketing Dashboard (R&RAMD)

**Languages**: JavaScript, HTML, C#, T-SQL

R&RAMD team developed and continues to maintain a critical dashboard for Bing Ads executives. The project consisted of creating new KPIs using Bing raw measures and unstructured data, transform it, load it and display it on the R&RAMD dashboard.

- Create views and reports using **JavaScript, ASP.Net, HTML** and **KendoUI** library
- Load data using **T-SQL** stored procedures and **COSMOS** expressions

## Personal Projects

**Cat Facts for Slack**

- A Slack chat bot that gives you a random fact about cats in response to a /catfact message.
- Tech stack used: **NodeJS, ExpressJS, Heroku**

**Countdown Solver**

- Solves puzzles generated on the game show Countdown.
- Tech stack used: **ReactJS, Enzyme, Netlify**

**Stonksbot (working name)**

- Algorithmic stock trading bot.
- Tech stack used: **C#, Python**

## Education

**Bachelor of Science in Computer Science and Software Engineering in Computer Science and Software Engineering**

**University of Washington**

September 2011 to June 2015

https://Jason-fu.com

https://github.com/jasonfu9966