

# SHUAI YUAN

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## SKILLS

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- Programming Language: Java, JavaScript, C++
- AWS: EC2, S3, Lambda, Cognito
- Web: HTML/CSS, ReactJS, Bootstrap
- Tools: Git, Docker, SSH, Postman, Maven, IntelliJ IDEA

## WORK EXPERIENCE

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### ASCENDING LLC

May 2019 – Present

Full Stack Engineer

- Developed back-end serverless architecture using **API Gateway**, **Lambda**, and **DynamoDB**
- Developed front-end admin page by using **ReactJS** framework
- Developed reusable user interface component in React and JavaScript ES6
- Reduced the deploy time by working closely with DevOps in **CICD** pipeline

## PROJECTS

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### Diet Tracker Application

June 2019 – Aug 2019

Web app for tracking personal diet and keeping staying healthy

- Created a back-end application and **RESTful APIs** using **Spring MVC**
- Used **Git** for version control
- Migrated the user authentication from stateful to stateless using **JWT** token. This migration reduced the request rate by over 15%, making the application more scalable
- Controlled the database migration schema by using SQL and maven **Flyway** plugin
- Managed project dependencies in **Maven**
- Implemented **Hibernate** DAO for data manipulation
- Implemented **MVC** design pattern
- Integrated **AWS S3** and **SQS** into Spring project for storage management and JMS queues
- Established local environment by using **PostgreSQL** which based on **Docker**
- Use **AWS CodePipeline** to automate the build and deploy phases of the project
- GitHub: <https://github.com/iuanshuai/Diet-Tracker>

## EDUCATION

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### The George Washington University

Aug 2018 – May 2020 (expected)

M.S. in Computer Science

### Shenyang Normal University

Sep 2015 - Jul 2017

B.S. in Computer Science

### Liaoning Provincial College of Communication

Sep 2012 - Jul 2015

Major: Computer Networking Technology

Degree: Junior College with Associate Degree