

Xiuming Cui

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SUMMARY

- 3+ years' Java development experience in building RESTful web services using popular frameworks
- In-depth understanding and extensive practice in writing high-performance data structures & algorithms

EDUCATION

Master of Engineering, Electrical & Computer Engineering <i>University of Ottawa, Ontario, CA</i>	2016-18
Bachelor of Science, Electrical & Electronics Engineering <i>University of Nottingham, Nottingham, UK</i>	2012-16
(Dean's Scholarship)	2014-15

SKILLS

- Backend: Java, J2EE, PHP, Python, Spring Boot, Spring, Spring MVC, Node.js
- Frontend: JavaScript ES6, HTML5, CSS3, JQuery, AJAX, React JS, Angular, Bootstrap
- SOA: RESTful APIs, Micro-services
- Database: Relational database (MySQL, Oracle, MS SQL), NoSQL (Mongo DB), ORM (Hibernate)
- CI/CD: Docker, Maven, Git

PROFESSIONAL EXPERIENCE

AWS (Amazon Web Service) (Personal Project) May - Jul. 2019
Tech stack: S3, EC2, DynamoDB, Lambda, API Gateway

- Researched and realized a serverless stack to build the application on the cloud platform
- Accelerated the development pace while reducing the maintenance burden.

Online Shopping Website (Personal Project) Dec. 2018 - Apr. 2019
Tech stack: Java, MySQL, JavaScript/HTML/CSS, Spring, React

- Designed and developed online shopping functions; enabled customers' searching and purchasing through the website
- Designed and implemented front-end mock-ups; programmed and generated several database schemas; executed OOD and domain-driven design principles
- Overcome high skill demands procedures with self-capability
- Learned Spring Boot and upgraded project with exactitude.

Online Bookstore Project Feb. - May 2018
(Course Project - University of Ottawa, CA)

Tech stack: Java, MySQL, JavaScript/HTML/CSS, JQuery

- Designed and realized bookstore functions on the webpage
- Used SQL queries to write and retrieve data from the database; embedded multiple RESTful APIs
- Set up a project schedule and participated in teamwork

Color Vision Local Positioning System in a Structured Environment Sept. 2015 - Jun. 2016
(Final Year Project - University of Nottingham, UK)

- Designed and built a three-wheeled robot and a motor-controlled ping-pong ball launcher
- Developed alternative solutions, like image recognition, allows responding to the needs