

# Emmett N. Young

Java Backend Engineer

## Contact Information

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## Featured Portfolio

<https://github.com/mettyoung/shop-management>

Demonstrates my ability to design, implement, test and deploy a full-blown web application to the cloud with ReactJS, Spring Boot, Hibernate, Maven, Docker and Ansible.

## Technical Proficiencies

Back-end Technologies	Front-end Technologies	Dev-ops Technologies
Java	HTML5	Git
JUnit 5	CSS3	Liquibase
Spring Boot	ReactJS	Maven
REST	AngularJS	Gradle
Bean Validation	Angular 6	Docker
JPA/Hibernate	JavaScript	Ansible
SQL	TypeScript	TeamCity

## Employment

<b>Software Engineer II</b>	<b>Exist Software Labs</b>	<b>Feb 2019 – Present</b>
<ul style="list-style-type: none"><li>Prevented a regression in accommodating a high-risk and critical enhancement using test-driven development. (NiFi, Kafka, Spring Boot, JUnit5 and Hibernate)</li><li>Took ownership of data provision and subscription projects until their completion. Responsibilities include feature development, bug fixing, DevOps.</li><li>Managed servers by deploying and setting up multiple infrastructures such as NiFi, Kafka, Zookeeper clusters, SFTP, MySQL servers and containerized web application.</li><li>Produced a technical guide for the project’s completion.</li></ul>		
<b>Software Engineer I</b>	<b>Exist Software Labs</b>	<b>Aug 2017 – Jan 2019</b>
<ul style="list-style-type: none"><li>Completed code camp which includes Java, Maven, Hibernate, Spring and AngularJS.</li><li>Conducted technical workshop on Apache NiFi to the client with an audience of 20.</li><li>Developed an automated NiFi tester application which saved the QA from many days of manual testing for every flow change. (Spring Boot, CSV, xUnit framework)</li><li>Developed an infrastructure code for elasticsearch using domain events, thereby decoupling technical code from business logic and reducing code duplications.</li><li>Developed for data forecasting with basic ticketing project. (Angular 6, Spring)</li><li>Mentored a new teammate to get him up and ready for the team.</li><li>Added CI/CD pipeline using TeamCity for staging environment.</li></ul>		
<b>Freelance Software Engineer</b>	<b>Nelsoft Systems, Inc.</b>	<b>Sept 2016 – April 2017</b>
<ul style="list-style-type: none"><li>Architected the new version of their database synchronization system using test driven development in PHP and C#, resulting in the resolution of duplicate database records, at least 200% faster synchronization rate and no major bugs.</li></ul>		
<b>Software Engineer III</b>	<b>Nelsoft Systems, Inc.</b>	<b>Feb 2015 – Jan 2016</b>
<ul style="list-style-type: none"><li>Developed for their proprietary automated deployment program in C#.</li><li>Led a team of 2 developers and 1 designer for the inventory system project. (PHP)</li><li>Managed production deployment with database administration.</li><li>Taught colleagues on basic networking and Git version control.</li></ul>		

## Education Background

<b>Computer Engineering</b>	<b>De La Salle University Manila</b>	<b>May 2010 – Feb 2015</b>
<ul style="list-style-type: none"><li>Graduated with honorable mention having a CGPA of 3.203.</li><li>Designed and implemented the telemetry system which includes fabricating circuit boards, microcontroller and C++ programming for Shell Eco Marathon Asia in 2014.</li><li>Developed the navigation stack in C++ of the autonomous exploration of two quadrotors for our undergraduate thesis.</li></ul>		

## References

Available upon request.