

EDUCATION

Iowa State University, Major: Software Engineering
GPA: 3.76/4.00

Ames, IA
Projected Graduation: May 2021

Software Knowledge: Java, C#, VB, C/C++, SQL, HTML, CSS, JavaScript
Tools/Frameworks: JUnit, Spring Boot, Mockito, Gradle, Maven, .NET, Fluent Assertions, Moq, Bogus, Git, GitLab CI/CD, Jira
Concepts: Test-Driven Development (TDD), Agile, Version Control, REST APIs, Microservices

GitHub: github.com/NgoTimothy

TECHNICAL SKILLS

- Led a development team to create an educational web application
- Designed a relational database and built a web app to query high volumes of political tweets
- Constructed validation and sorting algorithms for generic lexicographies
- Composed a modern Tetris game using Java
- Created and maintained a REST API with Spring for a real-time multiplayer video game
- Built a CI/CD pipeline using GitLab tooling to ensure functional code and automate deployment

PROFESSIONAL EXPERIENCE

Hy-Vee

Software Engineer Intern

Grimes, IA
May 2019 - August 2019

- Refactored the central pharmacy invoicing process to dynamically set fees
- Implemented strong testing standards for legacy and modern applications by using current frameworks, libraries and best practices
- Developed solutions for pharmacy, inter-company and fulfillment centers within a Scrum product team

Pearson

Test Administrator

West Des Moines, IA
May 2018 - August 2018

- Administered and proctored on average 31 exams a day
- Maintained high-security protocols for personal data and client testing
- Diagnosed and fixed disruptions that impeded quality standards

Merle Hay Lanes

Customer Service Representative, Mechanic

Urbandale, IA
November 2016 - February 2017

- Guaranteed customer satisfaction by solving issues in a timely manner
- Cultivated simple solutions for bowling machinery faults
- Persistent methodical testing of solutions to problems with no clear answer

Kumon

Instructor

West Des Moines, IA
April 2015 - August 2015

- Accustomed to working with a wide variety of abilities and personalities
- Resolved student gaps in understanding by explaining concepts that best fit the student's learning style
- Communicated with other instructors to ensure each student was progressing on schedule

ACTIVITIES

- Stange House Cabinet, President Fall 2018 - Spring 2019
- Stange House Cabinet, Vice President Spring 2018
- Intramural Sports, Bowling, Basketball, Flag Football, Broomball
- Urbandale High School, Bowling 2015 - 2017
- Karen Acres, Homework Club Instructor 2016 - 2017