

# Jordan J. Tioe

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## EDUCATION

### Georgia State University

August 2016 – May 2020

- Bachelor of Science, Computer Science
- Minor in Math
- Dean's List
- GPA: 3.73

## PROJECTS

### Self-learning Project: Spring MVC Multi-Purpose Website

- Designed and built a multiple purpose web application to explore Spring MVC Framework functionalities that include controller, handler mapping, model object, view resolver, and so on.
- Configurable XML-based navigation bar includes Products Catalog, Weather Application and Games.
- The application uses user registration and login for protected menu bar and encrypts the password before storing into the database.
- Implemented JDBC to MySQL database for storing application tables.
- Implemented Java Properties File to store Database and backend connection information and other configurable data.

### Facial Recognition and Emotion

- Built a GUI application in Python within a collaborative environment that allows users to detect their emotion after recognizing the face, then recommends a song based on mood.
- Utilized image recognition, Deep Learning, and GUI libraries in Python such as Keras, Pillow, and Tkinter.
- Used Agile methodology with team members switching roles as Scrum Master, Developer or Tester.

### Restaurant Online Ordering

- Designed and built a simplified online restaurant application with functionalities that include login, food menu, and checkout system.
- Utilized intuitive UI/UX design so that the user can easily and pleasantly navigate the app.
- User selects food item(s) from dropdown and submits a checkout form once the user finishes selecting the item(s).
- Used HTML, CSS, JavaScript, PHP, and SQL.

### Weather Widget

- Built a weather app that connects to Open Weather API for real time data where the user enters in the city or zip code, and the 5-day forecasted returns on the screen.
- Used HTML, CSS for Front-End and Styling, and JavaScript and JSON for API integration.

## EXPERIENCE

### AT&T, IT Analyst Job Shadowing

July 2019 – August 2019

- Observed day to day activities of the IT department and learned about the Agile framework.
- Performed technical documentation of IVR call routing rules and call flows to provide clarity and transparency to the IT team.

### Academic Tutor, Independent

September 2017 – April 2018

- Collaborated with student to complete homework assignments, identify lagging skills and correct weaknesses by stressing good study habits and practices.
- Met periodically with student to assess progress and plan steps to academic excellence.

### Atlanta Christian Chinese Church North, Vacation Bible School Instructor

July 2012 – July 2019

- Coordinated with other instructors and stakeholders to maximize experience for camp-goers.
- Helped ensure that camp operations ran smoothly to provide the best experience for camp-goers.

## SKILLS

- **Programming:** Java, C, Python, R, HTML, CSS, JavaScript, PHP, JSON, JSP
- MySQL
- Agile Methodology
- Spring MVC Framework
- REST API
- Eclipse IDE
- Microsoft Office (Word, Excel, PowerPoint, Visio)
- Mathematics

## RELEVANT COURSEWORK

- **CSC 4370** - Web Programming
- **CSC 4350** - Software Engineering
- **CSC 4520** - Design and Analysis: Algorithms
- **CSC 4850** - Machine Learning
- **CSC 4980** - Intro to Deep Learning
- **Math 3020** - Probability and Statistics for Computer Science
- **Math 3030** - Math Models for Computer Science
- **Math 4751** - Mathematical Statistics

## CERTIFICATIONS

### AT&T Summer Learning Academy Extern

June 2020 – July 2020

### Udemy: Machine Learning A-Z™: Hands-On Python & R In Data Science

February 2021