

**Jason Brown**  
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**Professional Summary:**

Jason Brown is an associate Java Developer with a strong work ethic and aptitude for acquiring new technologies. Prior to joining FastTrack'd, Jason graduated with a Bachelor's Degree in Computer Science and Engineering Technology from University of Toledo. In his spare time he would research new languages including but not limited to, Android, Swift, C#, Unity Engine, HTML, and CSS. He has acquired a productive level of knowledge in Java frameworks such as Spring and Hibernate; including JDBC, SQL, and MVC. He is experienced in Java and JavaScript; and advantageous with Eclipse IDE, IntelliJ IDEA, and VSCode. Jason quickly adapts to new environments, and always eager to explore new concepts; and quickly acclimates to any team.

**Education:**

- **University of Toledo – Toledo** **August 2012 – May 2016**  
Bachelors of Science, Computer Science and Engineering Technology  
C++/Java – OOP
- **Baker College - Auburn Hills** **August 2010 – August 2012**  
Associates of Science, Computer Programming Java Option  
Java

**Work Experience:**

**CookSystems - Memphis, TN**

**March 8/2018-Current**

**FastTrack'd**

XML File-Transfer Application

- Designed a multi-user, public file-transfer application that utilized Java's networking sockets to access remote machines via IP addresses
- Utilized multi-threaded back-end server to connect to client requester application
- Coded Java objects used in the communication protocol to send files from a specific directory
- Implemented JAXB framework to access files and convert to XML files for easy transfer between client and server applications
- Constructed and facilitated a client-handler based communication proctol to handle incoming transmissions between server and client; upon acceptance would serialize the information from the client then send to the server to be deserialized and saved in a directory

*Environment: Eclipse IDE Java EE*

Create Quiz Application

- Utilized NodeJS along with inquirer.js and vorpal.js to build a command line application that allows the user to formulate
- Created functions called CreateQuiz, TakeQuiz, TakeRandomQuiz to aid the user in creation of their own tests and to reserve them to assess the quizzes thereafter
- Established an application to prompt users for input, based on that input, write data to a file or read in the files data for further involvement
- Expanded upon a skeleton code to properly import existing functions that were built to aid the creation of quizzes as per the users' contribution

*Environment: VSCode - JavaScript-NodeJS framework*

#### Service Creation - User-Address Database

- Built a service using Spring framework to utilize Repositories and ORM's to handle storing data on Users and their addresses
- Created endpoints to retrieve information stored in a SQL database using JDBC containing data transfer objects and data access objects to exchange RESTful data via HTTP.
- Fabricated entities and their respective DTO's and mapped them together using IoC with SpringFox and MapStruct
- Implemented services to handle the business logic for the controllers to communicate between Java DTO/DAO and the JpaRepositories used to connect to the database

*Environment: Eclipse IDE Java EE - Spring / Maven / PostgreSQL / REST / JDBC*

#### **Faro Screen Process – Canton, MI**

May 2016 – Jan 2018

##### **Shipping Department/Utility**

- Box parts to get ready to be shipped to customers
- Finish up products/Cut down in cutter/Router
- Fix Microsoft Dynamics CRM to their needs

#### **Current / Past Projects:**

- Android Mobile Application – Scorecard Keeper (Current)
- Grading Application – C++ - OOP final project using Data input
- Loan/Interest Android Application (Roth IRA, Home/Auto Loan, Student Loan)

#### **Skills:**

- Proficient in Microsoft Suite Products
- HTML/CSS/Javascript/Android/Java/C++
- Basic understanding of Python/PHP/MySQL/Linux OS

#### **Accomplishments:**

- Android Application Project – Food Truck App – Senior Capstone/Career Expo