Duy Tang

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**Technical Skills**

**Languages:** Java (Proficient), Python (Proficient), C++/C# (Intermediate), SQL (Intermediate), HTML/CSS/JS

**Frameworks**: ASP.NET, ASP.NET MVC, Spring, Hibernate, JQuery, Bootstrap, Android SDK

**Databases**: Microsoft SQL Server, SQLite, MySQL

**Relevant Coursework**

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| * Analysis of Algorithms * Database Design * OOP With Design Patterns | * Web Application Development * Deep Learning * Smartphone App Development | * Java Programming * Software Engineering * Computer Architecture |

**Education**

***UNIVERSITY OF BRIDGEPORT***   Bridgeport, CT

***Bachelor of Science in Computer Science, Minor in Mathematics***  August 2014- May 2018

­Cumulative GPA: 3.98/4.0

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**Projects**

* **WorDrop Android Mobile Application**
* A word guessing game in which the user have to guess each letter of a randomly generated word and try to put them in the right order.
* Utilize Android voice recognition service and mobile sensors that allow voice input and motion detection by tilting the phone from the user. Developed from libGDX framework on Android Studio.
* **Online Pharmacy Mobile Application**
* An Android application which is a prototype for an online pharmacy store
* Including database processing, user authentication, UI design and event handling
* Responsible for database processing and event handling logic
* Being the team leader who was also responsible for the development process and quality control
* **AT3 Smart Picture Frame**
* A picture frame that can display series of album images for different users in the order of appearance
* The system makes uses of face recognition module to recognized each registered users and display their corresponding album images which are stored on images hosting server - Flickr, by implementing Flickr API
* Being the technical leader who’s in charge of researching and designing the system
* **Shopping Web Application**
* A small-scale prototype of a shopping web application using ASP.NET MVC framework and MS SQL Server
* Allow the user to register as new user, select merchandise of different categories, modify cart and check out
* Include admin privilege to add or delete products and modify product details
* Implement AJAX and web cache service (CouchBase) for better web experience for user
* Implement layered architecture with proper design patterns (Façade, Factory, Adapter)

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**Work Experience**

***UNIVERSITY OF BRIDGEPORT***   Bridgeport, CT

*CS Teaching Assistant* August 2017 – May 2018

* Teaching assistant for CS 101/102 Intro to Computing classes
* Assist students in dealing with programming tasks and in explaining key programming concepts
* Grade and provide feedbacks for students’ assignments and projects

***TUTORING AND LEARNING CENTER***   Bridgeport, CT

*Math Tutor* January 2016 – May 2018

* ­Assist students in dealing with their difficulties in algebra and calculus courses
* Provide in-class support as an embedded tutor in pre-calculus courses

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**Leadership roles**

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| * **UB's Math Club,** *Vice President* * **UB's National Society of Black Engineers,** *Chapter’s Senator* | August 2015- May 2018  August 2016- May 2018 |

**Honors And Awards**

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| * Dean’s Award | May 2017 |