Duy Tang

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**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

**Relevant Coursework**

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

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**Technical Skills**

**Programming Skills:** Java, Python, C++/C#, Android, SQL, HTML/CSS/JavaScript, ASP.NET (Web Forms/MVC)

­**Operating Systems:** Windows, Linux

­**Tools**/**Applications**: Visual Studio, IntelliJ, NetBeans, Android Studio, Git, GitHub, Microsoft Office

**Projects**

* **WorDrop Android mobile game**
* A game that allows the user to guess each letter of a word and try to put them in the right order.
* Utilize voice recognition service and mobile sensors that allow voice input and motion control for better user experience. Developed on libGDX application framework and Android Studio.
* **Online Pharmacy App**
* An Android application that resembles conventional commercial online store on mobile devices
* Including database processing, user authentication, UI design and event handling
* Responsible for database processing and event handling
* Being the team leader who was responsible for the development process and quality control
* **2017 CanSat Competition**
* Annual Competition hosted by AAS and AIAA. The mission was to simulate a solar powered science glider traveling through a planetary atmosphere sampling the atmospheric composition during flight
* Member of the Computer Science team which was responsible for designing the flight and ground control system in addition to communication and data handling between the glider and the ground control
* All programs written in C++ and developed on Arduino IDE
* **Battleship Game**
* A two-player battleship game with fully developed UI. Designed and written in Java.
* Using sockets to establish connections as either server or client. Can be played on two separate machines.

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**Work Experience**

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

*Teaching Assistant* August 2017 – Present

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

***UB'S TUTORING AND LEARNING CENTER***   Bridgeport, CT

*Math Tutor* January 2016 – Present

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

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**Extracurricular Activities**

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

**Honors And Awards**

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| * Dean’s Award from University of Bridgeport’s School of Engineering * University of Bridgeport's President's List * UB NSBE’s Academic Excellence Achievement | May 2017  Fall 2014 - Present  December 2016 |