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: 3.97/4.0; Major GPA: 4.0/4.0

RELEVANT COURSEWORK

- Analysis of Algorithms
- Database Design
- OOP With Design Patterns

- Web Application Development
- Computer Architecture
- Smartphone App Development

- Advanced Java Programming
- Python Programming
- Differential Equations

TECHNICAL SKILLS

Programming Skills: Java, Python, C++/C#, Android, SQL, HTML/CSS/JavaScript, ASP.NET (Web Forms and MVC)
Operating Systems: Windows, Linux
Tools/Applications: Visual Studio, IntelliJ, NetBeans, Android Studio, Git, GitHub, Microsoft Office,

PROJECTS

- **"Feed the Kitty" Arcade Simulation**
  - A simulation of an arcade that has "Feed the Kitty" game. Written in C++
  - Keep track of the statistics including number of games, number of players, biggest winners and biggest wins. In addition, every moves and plays, which are randomly generated, are recorded in details.
- **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.

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

EXTRACURRICULAR ACTIVITIES

- **UB's Math Club,** *Vice President*   August 2015- Present
- **UB's National Society of Black Engineers,** *Senator*   August 2014- Present

HONORS AND AWARDS

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