

Binlin Chen

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Education

State University of New York at New Paltz

B.S. Computer Science

Current GPA: 3.62

Dean's List All Semesters

Expected Graduation date: Dec 2021

Aug 2018 – Present

Technical Skills

Languages: Java, Python, C, JavaScript, HTML, CSS

Other: Git, Unreal Engine 4, ReactJS, NodeJS

Related Courses

State University of New York at New Paltz

New Paltz, NY

Aug 2018 – Present

- Software Engineering: Working in a group of 4 to create a probability simulator software using Unreal Engine 4 and C
- Data Structure and Algorithms: Learning advanced data structures (Linked list, Stack, Queue, Tree and Graph) and implementation of algorithms.
- Assembly Language and Computer Architecture: Learning machine language, assembly language, linking and loading and high-level languages at the assembly level
- Other Courses: Operating System, Object Oriented Programming, Discrete Math for Computing, Language Processing

Projects

Probability Simulator Software

New Paltz, NY

<https://github.com/datheavyguy/CPS353-Probability-Simulator>

Aug 2020 – Dec 2020

- Work in a team of 4 to create Probability Simulator Software using Unreal Engine 4 and C
- Developed the backend and physics engine, learned to use blueprint visual scripting system in Unreal Engine
- Understood team members' abilities and devised a clear workflow of tasks that suits each member's strengths and interests

Tank War

New Paltz, NY

<https://github.com/bchen11/NewTankWar>

Mar 2020 – May 2020

- Used OOP concepts in Java and Maven to build the Tank War game
- Learned and utilized the concept of multi-thread in the game

Leadership Experiences

Lance Corporal of the United States Marine Corps

Wyoming, PA

Squad leader

Aug 2017 – Present

- Served as the squad leader for a group of 4 marines for weekly check in muster and conduct monthly drill
- Completed tasks and combat training within a unit as a marine corps reservist on a monthly drill schedule and two weeks of professional training in the summer
- Served and provided food for marines in the field as a food service specialist