

Luat Pham

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Education

University of Massachusetts, Boston
B.S Computer Science

Intended grad Dec 2019
GPA: 3.7

Relevant Coursework: Discrete Math, Advanced Data Structures, Algorithms, Computer Architecture and Organization, Theory of Computation, Operating System, Higher Level Languages, Compilers, Probability and Statistics, Introduction to Software Engineer.

CS Elective Courses: Database Management Systems, Database-Backed Web Sites and Web Service.

Bunker Hill Community College
A.S Computer Science

Graduated Dec 2017
GPA: 3.7

Relevant Coursework: Linear Algebra, Data Structure, Android for Java Programmers, OOPL for Programmers, Advanced Java and C++.

Projects

Longbow Man— *VR Exercise Game(CS410 - Software Engineering)*: Longbow Man is a Virtual Reality exercise game which I led my team to build an archery skills game. We use HTC Vive to test and present our game for the class. We used **C#** and **Unity** to build the game.

JMinusMinus - *Class Project (CS451 - Compiler)*: The project is a part of class project based on the provided files to write a J-- language and compiler which is a subset of Java language by using **Java Language**. The purpose is to understand the concept of compiler and language structure.

Interpreter - *Class Project(CS450 - Structures of Higher Level Language)*: Implementing scanner and parser to recognize a subset language of JQuery which we call SimpleJS using **Scheme**. The project is built based on provided files from the class's professor.

PharmTechApp— *Android App(CIT 229- Programming for Android)*: This mobile app was created for informational and educational use only at BHCC. This app is intended for use by students of the BHCC Pharmacy Technology Program and is a pilot application.

Dictionary— *JavaFX Project(CIT 242- Data Structures)*: Using JavaFX to build a friendly user interface for a multiple language dictionary and demonstrate the hashtable data structure concept.

Reverse Polish Notation Calculator - *JavaFX Project(CIT 242 - Data Structures)*: The purpose of the project are implementing stack data structure and creating user interface calculator using **JavaFX**.

For more projects, please visit my Github at <https://github.com/phamumb>

Technical Skills

Coding Languages: C, C++, C#, Assembly, Python, Scheme, Java, PHP, JavaScript, JQuery, HTML, CSS, MongoDB, MySQL.

Tools: Unity, Android Studio, Github, Netbeans IDE, Visual Studio.

Operating System: Windows, Unix, Mac OS.

Certification: Android Mobile App Certificate from BHCC.