Phung Tran

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Education

California State University, Fullerton   May 2017
Bachelor of Science in Computer Science   *GPA: 3.17*

Related Courses

- Programming and Data Structures Concepts
- Database and Applications
- Foundations of Software Engineering
- Object-oriented Programming Languages.
- Algorithm Engineering
- Software Development with Open Source Systems
- Compilers and Languages

- Artificial Intelligence
- Operating System Concepts
- Computer Graphics and Game Programming
- Network Security Fundamental and Cryptography
- Computer Communications
- Computer System Architecture
- Web Front-End Engineering

Course Projects

Forum, Chatroom and Mailbox   May 2017
- Created a database that store data; and built a web application that allowed users to login or register and communicate with other users using mailbox, chatrooms, forums, threads and posts. PHP, SQL and HTML

Encryption and Decryption Program   April 2017
- Designed a solution for encrypting and decrypting multiple blocks of text using modern block cipher (DES and AES). C++ and C

Snark-A-Boss   April 2017
- Built a website where workers could snark on their bosses by finding a boss or adding a boss to snark on. Users could also comment on existing boss and reply to existing comments. JavaScript, HTML and CSS

Worms, Self-replicating Malware Programs   October 2016
- Implemented three distinct types of worms that broke into vulnerable systems in the same network and used the systems they compromised to launch attacks against other vulnerable systems. Python

Sasquatch Mountain   May 2016
- Created a turn-based dice game application that involved two to four players competing to finish the game with the most points. Python and Pygame

Scarne's Dice   March 2016
- Implemented a turn-based dice game application compatible with Android OS in which a user and the computer would compete to earn 100 points by rolling a dice. Java and Android Studio.

Business Management System   November 2015
- Developed a program to help an organization keep track of its inventory, manage sales, purchases, shipping and revenue. Python.

Patient Records System   March 2015
- Created a program that allowed a health clinic to simultaneously check in new patients daily and view all patient procedures. C++

Skills

- Programming Languages: C++, C, Python, Bash, SQL, PHP, JavaScript, Java, HTML, CSS
- Database Systems: MySQL
- Operating Systems: Linux, Mac OS, Windows
- Software/ Tools: Xcode, Visual Studio, Atom, Shell, Android Studio, Pygame, Github, Eclipse, Ember.js WebSockets, Node.js, jQuery
- Languages: Vietnamese (Native), English (Full professional proficiency)

Experience

Applied CS with Android – Google   May 2016
- Selected to participate in 5-day workshop that taught algorithms and data structures leveraging the Android platform

Ga Bistro (Old name was Kim's Restaurant) – Garden Grove, CA   August 2014 – June 2017
- Server (Part-time) : Served food and drinks; and provides professional, fast and friendly customer service