Tam Anh Bui

PROFESSIONAL SUMMARY

I have started teaching myself programming from scratch at the school 42 in November 2015. I have since developed programming skills which only a system like the one this school provides can teach. I have completed various projects which all have taught me how to think properly as a programmer. Beyond programming I have also learned the importance of initiative and a self-starting attitude when it comes to working with code. I believe the way I've learned to learn at this place will prove to be my greatest asset in the workplace, for myself as well as my employer.

EXPERIENCE

IT ASSISTANT/INTERN
Bristol University (Anaheim, CA), Anaheim, CA, June 2014 - February 2015
• Assisted with financial analysis of activities, budgets and vendors.

• Open and distribute incoming regular and electronic mail and other material and co-ordinate the flow of

information internally and with other departments and organizations.

• Set up and uphold manual and automated information filing systems.

• Responsible for maintaining and keeping the online resources of the university up to date on a platform

called Moodle

• Re-writing the online quizzes into an html format for the university

• Taking care of students' academic needs such as helping them to obtain their online e-books , checking out laptops , and helping them with problems which may have arisen while using the online platform.

DEVELOPER/INTERN
Recast.ai, Paris, France, January 2017 - May 2017
Throughout my internship in this company I was able to work with all kinda of different technologies.

As a bot developer I had the opportunity to familiarize myself with the concept of APIs as well as several Javascript technologies including Node.js

I was also allowed to integrate a messaging service into the bot connector platform of this company, in order to make it easier for users of the Recast.ai platform to connect with their bots via SMS. In the process I used technologies such as Node.js as well as React.js

PROJECTS

LIBFT
This is a library of self coded functions which I coded myself in the C language. It contains about sixty functions, whose utility range from the manipulation of strings all the way to the working with linked lists.

FILLIT
Fillit is a project which allowed me to discover and/or familiarize myself with a recurring problem in programming: the search for an optimal solution among a very large number of possibilities, within a reasonable amount time. In the case of this project, it was necessary to arrange the Tetrimonis given among themselves and to determine the smallest possible square that can accommodate them.

GET_NEXT_LINE
In the programming language of C I had to build a function which would take a a text file, either through the standard input, or through a file descriptor, And would then read exactly one line at a time from said text file. Given this, it would read the entire file line by line if called in a loop. This project gave me a deeper understanding of parsing as well as the ability to apply buffers manually into my code.

FT_PRINTF
Recoding the function printf of the standard library in C.
This was also done in C.

FILLER

I had to create a player to fight other students on the world famous (or infamous) Filler board. The concept is simple: two players gain points by placing on a board, one after the other, the game piece obtained by the game master (in the form of an executable Ruby program). The game ends when the game piece cannot be placed anymore. This gave me insight into the importance of algorithmic efficiency.

LEM_IN

This was a project which introduced me to the concept of graph traversal algorithms. With certain restrictions I had to implement common graph traversal into my code, while naturally of course also implementing my own ideas.

COREWARS

This project is was made up of several parts. a virtual machine as well as an assembler. I was responsible for the attainment of the parameters on the virtual machine as well as the instructions inside the vm itself.

https://en.wikipedia.org/wiki/Core_War

EDUCATION

HIGH SCHOOL DIPLOMA

Rancho Alamitos High school • Garden Grove, California, USA • 2013

CURRENTLY WORKING ON CERTIFICATE

École 42 • Paris, France • in progress

SKILLS

ENGLISH (NATIVE)   GERMAN (NATIVE)   **FRENCH (FLUENT)**   VIETNAMESE (BASIC)

C PROGRAMMING   ALGORTIHMIC THINKING   **NODE.JS**   PYTHON   **REACT.JS**   GIT

HTML, CSS, JAVASCRIPT, PHP

CONTACT

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