THAO PHUONG

Immigration status: US Green Card Holder

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EDUCATION

Suffolk University (Boston, MA)   1/2016 – 1/2020

Bachelor of Sciences, GPA: 3.97/4.00   Graduation with Honors

Computer Science major, Information Systems & Operations Management minor

Relevant courses: Data Structures & Algorithms, OOP, Database Systems, Computer Networks

SKILLS

- Programming languages: Java, JavaScript (ES5/ES6), Python, C++, C, SQL/NoSQL
- Web Technologies: CSS3, HTML5, EJS, ES5/ES6, jQuery, JSF, MySQL, MongoDB, NPM, Heroku, Node/Express
- Data Science: Pandas, NumPy
- Operating Systems: Windows, Mac OSX, Linux

FEATURED PROJECTS

Forkify food recipes [source code] (ES6, Webpack, Babel, Axios, HTML5, CSS3)
- Created an interactive web app that interacts with the Forkify API to fetch and display recipe food data.
- Built using modern JavaScript tools, such as Webpack to bundle the modules, and Babel to convert ES6 to ES5.
- Applied and implemented the MVC framework, Asynchronous JavaScript (Promises, Async/Await & AJAX calls).

Purchase DB WebApp [source code] (JavaServer Faces JSF, MySQL, Tomcat, JDBC, HTML5 and CSS3)
- Planned and designed the complete ER model with optimized database normalization with sample data.
- Developed a database web app using JDBC allowing basic functions of persistent storage CRUD.

Shell Implementation [source code] (C language, GNU Make, and Flex & Bison)
- Led 3-person team building and implementing a command-line interpreter using C language.
- Coded, tested and debugged the program to ensure that it can execute real shell's basic functionalities including the ability to start other programs; software pipes; shell script support; shell prompt; input/output redirection; change/show the current working directory using cd/pwd; command line/terminal history management.

RGB Guessing Game [source code] [Click to play] (HTML5, CSS3, and ES5, Heroku)
- Developed a dynamic and responsive web app that users can practice recognizing RGB color model.
- Designed and applied the DOM manipulation and event handling to enhance the project's workflow management.

Flappy Bird Clone [source code] (Java, Abstract Window Toolkit AWT)
- Created a simpler version of the famous Flappy Bird mobile game using Java.
- The player can control the vertical movement of the bird by clicking or tapping the space button.

LEADERSHIP & AWARDs

- Recipient of Dean's Scholarship
- Recipient of the Suffolk Upper Division Computer Science Award
- Co-Founder of the First Hack Suffolk event (Dec 2017) - Hack Suffolk
- President and Social Media Administrator at Suffolk Ascend Student Chapter (Jan 2017 - Sept 2018)
- Team Captain at the AURA Dance Crew (May 2018 – Current)