

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

FEATURED PROJECTS

[Purchase DB WebApp](#) The Database web app was built using **JavaServer Faces (JSF)**, **MySQL**, **Tomcat**, **HTML5** and **CSS3**. The prototype illustrates major features including CRUD (create, retrieve, update, delete) of a simple database system. The project includes a complete ER model with optimized database normalization, the relational database tables with sample data, and finally a user-friendly interface.

[Shell Implementation](#) Shell was successfully implemented using **C** language, **GNU Make**, and **Flex & Bison**. It can execute some 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.

[Flappy Bird Clone](#) The project is a simple version of the famous Flappy Bird mobile game. The application was built using **Java**, and **Abstract Window Toolkit (AWT)**. *[example run]*

[RGB Guessing Game](#) RGB Guessing Game is a dynamic and responsive web app built using pure **HTML5**, **CSS3**, and **ES5**. The app uses Heroku for the web-hosting service. Practicing ES5, DOM manipulation and event handling are the main goals of this project. *[Click to play]*

[To-do List](#) To-do List is a responsive jQuery-based web app that uses **HTML5** and **CSS3 (styling/animation effect/font-awesome)**. Users can add a new to-do, delete a to-do completely, or simply cross things off the list *[example run]*

[Budgety](#) Budgety is a user interactive web app built using **ES5**, **HTML5** and **CSS3**. Users can add income and expense, delete records, check balance, keep track of the percentage of both income and expense to better control their budget spending. Efficient and clean DOM manipulation techniques as well as the project's workflow management are the major takeaways after completing the Budgety app.

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

LEADERSHIP & AWARDS

- Recipient of Dean's Scholarship
- Selected as one of the 4 outstanding recipients for the Suffolk Upper Division Computer Science Award
- The First Hack Suffolk event, Co-Founder (December 2017) - [Hack Suffolk](#)
- The AURA Dance Crew, Team Captain (May 2018 - Current)
- Suffolk Ascend Student Chapter, President and Social Media Administrator (January 2017 - September 2018)