Phuc Ha Hong Nguyen

Lincoln, NE 68508 | phucnguyen290198@gmail.com | https://www.linkedin.com/in/philswe/

(+1) 402-601-3706 | https://react-contact-form-b785f.web.app/ | https://github.com/phuclinh9802

Software:

- **Languages**: C#, HTML & CSS, JavaScript, C++, Python, MySQL, SQLite, PostgreSQL
- **Framework**: Angular, React, Bootstrap, ASP.NET MVC
- **Software**: GitHub, GitLab, Visual Studio Code, Visual Studio, Code::Blocks, Sublime Text, PyCharm

Experience:

Research Assistant, Intern	**University of Nebraska Lincoln**	**May 2021-Present**

Lincoln, NE

- Assisted with development of scientific software for data analysis and pathway modeling.
- Implemented PDF generator to create and send remote certificate of completion for students who subscribed and upgraded the premium educational plan.
- Built a Single Sign-On system to enable users to access the account through social login accounts (Google, Facebook, LinkedIn).
- Leveraged Knowledge: ReactJS, PassportJS, NodeJS, PostgreSQL

Research Assistant, Intern	**University of Nebraska Lincoln**	**March 2020-May 2021**

Lincoln, NE

- Created software to help automate into Excel by comparing points among different biological conditions at the same time using T-test and ANOVA & posthoc test using Python
- Built a simple application using Python and Tkinter to automatically delete cell contents when the appearance of the data is less than 65% and to empty cells when the data reaches 0.01
- Improved the Metabolomic team's performance by 240%
- Leveraged Knowledge: Python, Splinter, Selenium, Tkinter, Microsoft Excel

.NET Engineer, Intern	**SAVIS Technology Group**	**May-August 2019**

Hanoi, Vietnam

- Built an API to generate PDF file of the Business e-Invoice from the company's client.
- Accomplished the development of e-Invoice application faster and more efficiently by 5% of the plan.
- Created a .NET Core project to manage vacation request from multiple users in a company and connected to Linux environment
- Leveraged knowledge: MVC5, ASP.NET Core, Entity Framework 6, C#, HTML & CSS, Node.js., Linux, Postman, JMeter

Projects:

Class & Student Management System	**May-June 2019**

- Created a login/register page to access to the website which creates, edits, deletes, and shows the information of classes and list of students in a class.
- Deployed the project on Microsoft Azure.
- Utilized: ASP.NET Core, Entity Framework 6 Core, REST, SQLite, MVC5, C#, HTML5, CSS3, JavaScript, Bootstrap, jQuery, JSON..

COVID-19 Tracker & News	**May 2020 – June 2020**

- Built a full-stack web application to help users track real-time U.S. news and COVID-19 World data from third party providers
- Handled and reformatted third-party API to automatically update data and save to csv file
- Automated to push data to MySQL table
- Used JWT Authentication to keep track of users and roles when accessing the website.
- Utilized: Python3, Microsoft Excel, MySQL, .NET Core 3.1, Entity Framework 6 Core, Angular 9, GitHub

Education:

Omaha, NE	**University of Nebraska – Omaha**	**January 2021 – December 2023**

- **Major:** Computational Mathematics, M.S.

Lincoln, NE	**University of Nebraska – Lincoln**	**May 2016 – Dec 2020**

- **Major:** Mathematics, B.S. | Cumulative GPA: 3.3
- **Minor:** Business
- **Computer Science Courses:** Data Structures & Algorithms, Computer Systems Engineering, Numerical Analysis
- **Mathematics Courses:** Statistics, Linear Algebra, Elementary Analysis, Operations Research, Linear Programming