

Phuc Ha Hong Nguyen

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Software:

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

Experience:

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

- Continued working to help automate into Excel by comparing points among different biological conditions at the same time using T-test and ANOVA.
- Assisted with development of scientific software for data analysis and pathway modeling.
- Leveraged Knowledge: ReactJS, PassportJS, OAuth2.0, JavaScript, NodeJS, Python, Splinter, Selenium, Tkinter, Microsoft Excel

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