

Phung Kim Phu

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EDUCATION

University of Washington - Seattle, WA

Expected Graduation: June 2021

- **Degree:** B.Sci. in Informatics (Data Science, Cybersecurity)
- **GPA:** 3.70

SKILLS

- **Languages & Frameworks:** Golang, HTML/CSS, Java, JavaScript (React, jQuery), Linux, Python, R, SQL
- **Software & Tools:** AWS, Docker, Firebase, Git, MongoDB, NGINX, ParseHub, Power BI, PowerShell, Redis, SSMS, Tableau, UiPath

RELEVANT COURSEWORK

Client-Side Development

- Designed and built a web application that allows users to post food they want to give away with the goal of reducing food waste.
- Produced web pages that are standards-compliant, semantically rich, and universally accessible.
- Styled web page appearance using CSS to create intuitive, usable, and engaging experiences for human readers on different kinds of devices.
- Structured web pages using React components and performed asynchronous programming and client-side routing using react-router and Firebase Hosting.

Server-Side Development

- Built an API server in Golang that summarizes the metadata in a web page by tokenizing HTML and performing JSON encoding.
- Wrote scripts to build Go executables and Docker containers to reduce repetitive commands.
- Deployed Docker containers to AWS EC2 instances so that they are available on the cloud.

EXPERIENCE

Student Assistant, UW Continuum

July 2019 – Present

- Create and edit Summer Session's course pages using HTML and CSS.
- Create interactive data visualizations in Tableau to demonstrate a new revenue sharing model for each college and department in order to understand course enrollment volume's impact on revenue.
- Analyze enrollment and registration data to identify groups of students enrolled in courses so that departments and colleges can attract more of those students to increase enrollment.

Database Developer, iSchool

June 2020 – Sep. 2020

- Helped former database instructor build a coffee shop database so that future students can practice writing SQL code using the database.
- Populated the database with nearly 20,000 rows of fictitious orders by programming synthetic transactions and stored procedures.
- Met with the database instructor to review and finalize the entity relationship diagram of the coffee shop database before coding.

Service Manager Intern, UW-IT

June 2018 – Jan. 2019

- Monitored and analyzed Tier 2 tickets to ensure tickets were resolved in a timely manner.
- Helped the Student Program team better use the ticket tracking system by conducting help sessions and publishing a monthly newsletter that contained information on best practices and tips and tricks for using the ticketing system.