Nam Pham

Software Developer @ University of Washington class of 2021

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WORK EXPERIENCES

Incoming Software Engineer Intern - Airbnb   (Summer 2020)

Student Developer   (January 2020 – Present)
University of Washington Information Technology

- Student Developer with UW-IT department on our class registration and management system, MyPlan.
- In charge of redesign and refactor the MyPlan application to a cloud and device friendly service so that it's more maintainable and scalable.

Teaching Assistant   (September 2019 – December 2019)
University of Washington Information School

- TA for INFO 201 (Technical Foundation for Informatics). Taught Intro to Programming and Data Science in R to 25 students weekly.
- Assisted students with in-person and online office hours.

Research Assistant Intern   (June 2018 – August 2018)
CMC Telecom Vietnam

- Implemented machine learning techniques to process Vietnam's Dept of Customs data to find unusual behaviors on imports.

TECHNICAL PROJECTS

Custom Search Engine
- Implemented and optimized the algorithm to compute the TF-IDF and PageRank scores for a custom search engine in Java.

Multiplayer Labyrinth
- Architected and implemented a multiplayer command-line interface text-based adventure game using TypeScript and WebSockets.

Pick Me Up (DubsHack 2019)
- Wrote a web application for bus drivers to automatically send notifications to parents after dropping off school children at their bus stops using React.js and Firebase.

EDUCATION

University of Washington, Seattle | B.S *Informatics* | 2021
- **Notable Courses**: Data Structures and Algorithms, Software Architecture, Technical Foundations in R, Intro to Web Development, Database and Data Modelling, Client-side Development, Server-side Development.

SKILLS

Programing Languages & Frameworks:

Java, Python, C++, Kotlin.

JavaScript, TypeScript, ReactJS, Node.js, Vue.js, HTML, CSS, MySQL, Spring Boot.

Data Science: R.

UX/ UI design: Figma, Illustrator.

ACTIVITIES

Web Developer @DubsTech

Taught a 6-week workshop on how to make a Weather Web Application to teach other students about Web Development technologies.

AWARDS AND HONORS

UW Annual Dean's List
Received from UW in recognition of stellar academic record.

UX Jam Program Winter 2019 @ UW
Demonstrated Rapid prototyping and UX skills by completing industry inspired design challenges.

Most Inclusive Solution @ Informatics 200
Designed an app to support physically disabled students navigating on Campus.