Bao Nguyen

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EDUCATION
Bachelor of Science in Computer Science and Systems   **June 2022**
University of Washington Tacoma

TECHNICAL KNOWLEDGE
Programming languages: Java, Javascript, Python, PHP, HTML5, CSS3, SQL, R
Database: MySQL
Web technologies: React, Node.js
Version control systems: Git, Apache Subversion
Relevant coursework: Data structures and algorithms, object-oriented programming.

PROJECT EXPERIENCE
Road Rage | March 2021
- Built in Java
- Implement interface and abstract class to create behaviors for 6 vehicle models when they are on the street and interact with each other.
- Wrote JUnit test to test behaviors of a vehicle model.

COVID Resources Map | October 2020
- Built in HTML5, CSS3, Javascript.
- Integrated Google Maps API to customize the COVID Resources Map.
- Collaborated with 4 other team members from 3 different countries at Dubhacks to build a website with interactive maps that show the free COVID testing sites and the locations that hand out free masks.

Warm Footprints Project | February 2020 – March 2020
- Built in R and published on shinyapps.io by implementing R shiny library.
- Retrieved the data from ourworldindata.
- Collaborated with 3 other team members to analyze the birth rate and CO_2 emission data around the world, processed it in RStudio, graphed the data, and then published the graph showing the correlation of birth rate and CO_2 emission online.

EZ Trivia Game | June 2019
- Created a Trivia game graphical interface using HTML5, CSS3 and Javascript.
- Built the back end of the game in PHP and used MySQL to store and update players' scores.
- Fetched questions and answers data from Jservice.io.
- More than 100 of my classmates have played the EZ Trivia Game.

INTERESTS AND ACHIEVEMENTS
- Junior officer of HUSCII Coding Club.
- Vietnamese interpreter at Pleasant Valley Healthcare and Rehabilitation Center for 9 months.
- National Honor Society member at Sachse High School.