Bao Nguyen

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EDUCATION

University of Washington — June 2023
Bachelor of Science in Computer Science
- Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Data Modeling.

CodePath — June 2022 – August 2022
Certificate in Intermediate Software Engineering

WORK EXPERIENCE

Software Engineer Intern — June 2022 – Present
General Motors — *Detroit, Michigan*
- Develop and deploy Container App on Microsoft Azure using Bicep and PowerShell script to build the project infrastructure for the Data Platform team.
- Fix bugs and upgrade the JSON, Bicep files and PowerShell scripts to improve reliability and efficiency by 30% of the original time.

Software Engineer Intern — June 2021 – September 2021
Symetra — *Bellevue, Washington*
- Collaborated with another intern to create an organization map from the company's database using React.
- Customized the sign-in webpage of Symetra by implementing Amazon Cognito UI with AWS CLI.
- Adhered to the Scrum development process by performing standups, sprints, and retrospectives.

PROJECTS

COVID Resources Map | *HTML5, CSS3, Javascript, Google Maps API*
- Led a team of 5 people from 3 different time zones at Dubhacks to build a website in in HTML5, CSS3, Javascript.
- Integrated the Google Maps API to create interactive maps that show the free COVID testing sites and the locations that hand out free masks.

EZ Trivia Game | *HTML5, CSS3, Javascript, PHP, SQL*
- Created the game's graphical interface using HTML5, CSS3 and Javascript.
- Utilized Jservice.io API to get questions and answers for the trivia game.
- Built a MySQL database to store and update scores for 50+ players then used PHP to access it.

Warm Footprints Projects | *R*
- Led a team of 4 to visualize and analyze the birth rate and CO2 emission data around the world.
- Retrieved the data from ourworldindata, processed it in RStudio and made a scatterplot graph to show the correlation of birth rate and CO2 emission.
- Published the data visualization and the team's findings onto shinyapps.io by implementing R shiny library so that everyone can access it online

LEADERSHIP

Chief Operation Officer — September 2021 - Present
HuSCII Coding Club — *University of Washington*
- Assist in running and planning club weekly meetings and events.
- Reach out to alumni and invite them to come and share their experiences in the tech industry once per quarter.

TECHNICAL SKILLS

Programming languages: Java, Javascript, Python, PHP, HTML5, CSS3, SQL, R, Bicep
Technologies: Angular, React.js, AWS, MySQL, Microsoft Azure
Developer Tools: Git, Apache Subversion