

# Bao Nguyen

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## EDUCATION

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### 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

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### 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

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### 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

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### 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

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**Programming languages:** Java, Javascript, Python, PHP, HTML5, CSS3, SQL, R, Bicep

**Technologies:** Angular, React.js, AWS, MySQL, Microsoft Azure

**Developer Tools:** Git, Apache Subversion