

Bao Nguyen

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EDUCATION

University of Washington

Bachelor of Science in Computer Science

June 2023

- Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Data Modeling.

SKILLS & CERTIFICATIONS

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

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

Developer Tools: Git, Apache Subversion

Certifications: CodePath Certificate in Intermediate Software Engineering (June 2022 - August 2022)

WORK EXPERIENCE

General Motors

Detroit, MI

Software Engineer Intern

June 2022 – Present

- 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.

Symetra

Bellevue, WA

Software Engineer Intern

June 2021 – September 2021

- 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 HTML5, CSS3, Javascript.
- Integrated the Google Maps API to create interactive maps that show free COVID testing sites and 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 scores for 50+ players.
- Update and retrieve scores for the players by using PHP.

Warm Footprints Projects | *R*

- Led a team of 4 to visualize and analyze global birth rate and CO2 emission data.
- 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

HuSCII Coding Club

Chief Operation Officer

University of Washington

September 2021 - Present

- Plan and oversee the club's weekly meetings and events.
- Conduct outreach and invite alumni to come and share their experiences in the tech industry to members of the club once per quarter.