Bi **Nguyen**

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Education

University of California, Davis   June 2022 (expected)

Bachelor of Science, Statistics
Minor in Computer Science

Skill

Language: C/C++   Python   R   Java   React   Node   Javascript   HTML/CSS
Other: Data Analysis   Data Structures and Algorithms   Object-Oriented Programming

Internship

Data Analyst – DataLab   April 2021 – June 2021

- o Wrote an R script to test the accuracy of the Solr search engine using research documents from government database gathered from webscrapping
- o Documented and debugged Java code for production

Student Assistant — Da Vinci Charter Academy   October 2019 — December 2019

- o Helped students develop their problem-solving skills by showing step by step approach to the problem
- o Taught students how to debug and understand their code in Python

Projects

Shop-till-you-drop   June 2021

- o Built a web application with React and Node that uses the College Score Board API to determine whether a user qualifies for financial aid based on family income in California
- o Implemented the functionality of the server and page view of the website

Tractivity   May 2021

- o Developed a responsive fitness web application using Node, HTML, CSS, and Sqlite.
- o Created a database using Google's authentication to store information about the their daily acitvity
- o Built the functionality of the server and page view of the website

Bag of Little Bootstrap for Linear Models   March 2020

- Built an R package using the Bag of Little Bootstrap sampling method
- Improved the computation speed of the generalized linear models using parallel computing
- Documented the package using Roxygen