Bi **Nguyen**

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Description automatically generated bitngu3@gmail.com | A picture containing drawing

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Shape, rectangle

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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

# **Internship**

**Data Analyst – DataLab** April 2021 – June 2021

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

**Student Assistant** — **Da Vinci Charter Academy** October2019 — December 2019

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

# **Projects**

**Shop-till-you-drop** June 2021

* 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
* Implemented the functionality of the server and page view of the website

**Tractivity** May 2021

* Developed a responsive fitness web application using Node, HTML, CSS, and Sqlite.
* Created a database using Google’s authentication to store information about the their daily acitvity
* 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

### **Relevant Courses**

Intro to programming Dev in Unix & C/C++ Program & Problem Solving Computer Architecture

Data Structures & Algorithm Algorithm Design & Analysis Web Development OO-Programming