Yihuan (Kevin) Bu

Linkedin: https://www.linkedin.com/in/yihuan-bu-618a66218/
Email: kevinbu233@berkeley.edu
Github: kevinbu233
Address: 1785 Spruce St, Apt 5, Berkeley, CA 94709

University of California, Berkeley
August 2021- May 2024
Major: Computer Science & Data Science
GPA: 4.0
Upsilon Pi Epsilon Honor Society Member

CS 61A: Structure and Interpretation of Computer Programs: A
CS 61B Data Structures: A+
CS 61C Computer Architecture: A
CS70 Discrete Mathematics and Probability Theory: A

EXPERIENCE

Berkeley Chinese Students and Scholars Association VP/Director of Finance
May 2022 - Now

- Sole management of finance in an association of 300+ people; create budget guideline for all activities and spending
- Lead team of 20 to maintain proper accounting documentation and money transfer of all transactions
- Manage and oversee large-scale events (100-200 attendance) across association as Vice-President

Computer Science Mentor Berkeley Tech Mentor
May 2022 - Now

- Maintain website, fixing issues and bugs, and complete features that serves over 2500+ students
- Create Email Notifications for all enrollment across the association using Python and Django, reducing huge proportion of manual administrative work
- Updating new interface features for users using React, allowing users to actively change their profile

Menteere Software Development Intern
May 2022 - August 2022

- Integrated Stripe for new payment system with Node.js and Amazon Web Service database, facilitated more secure transactions for users and resolved database migration issues
- Led internship team of three for codebase review and research for implementation; created timeline and design document

McMaster University Research Assistant
March 2022 - August 2022

- Cleaned and analyzed data for multi-site research on bone damages using R and tidyverse libraries, transform data into desired outcomes for better research analysis
- Design new, efficient system for data processing, tailoring program for specific data and improve quality of data

SKILLS

Java, Python, Javascript, C, Pytorch, R, Tidyverse React, Django, Typescript, Panda, Numpy, AWS