

SIDA (STAR) LI

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EDUCATION

University of California, Berkeley

August 2018 - Present

B.A. in Statistics & Computer Science; GPA: 3.97; Major GPA: 4.0

Relevant Coursework: Data Structure (CS61B)§, Machine Structure (CS61C), Discrete Math & Probability (CS70), Probability Theory (STAT134)§, Linear Algebra and Differential Equations (MATH54)§, Multivariable Calculus (MATH53), Intro to AI (CS188), Algorithms (CS170), Concepts of Statistics (STAT135), Intro to Advanced R (STAT33B).

§: courses with A+ grade;

Affiliated High School to SCNU, International Department

August 2015 - June 2018

Honors/Awards: *Honor Graduate; Distinguished Student for 3 years*

Activities: *Programming Club; Finance Club Tech President*

EXPERIENCE

Berkeley Student Learning Center

June 2019 - Present

Currently work as the tutor for Stat 134, an upper division probability theory course. Previous experiences include teaching pre-calculus and statistics (probability) for incoming freshmen in the Summer Bridge Program. Attend weekly seminars and trainings in peer pedagogy and mathematical concepts.

Student Association for Applied Statistics

September 2019 - Present

Apply knowledge in Python (Django) and HTML, CSS, Javascript (Front-end) to create, update, and maintain the club website. Work as one of the senior engineers and collaborate with designers in the recent redesign of the website.

Berkeley China Summit

February 2019 - Present

Work as the web-dev team leader. Maintain and update the website (www.berkeleychinasummit.org). Writing javascript codes in addition to the current framework. Receiving requirements from the executive board and design corresponding webpage, including text, style, and media. Distribute tasks and collaborate with team members.

Department of Statistics, UC Berkeley

February 2019 - Present

Work as the reader for Stat 20. Help mark and evaluate the homework of more than 300 students and design the grading rubric. Clarify conceptual issues and contact with the professor.

PROJECTS

StarProb (<https://github.com/listar2000/StarProb>)

Handy package in probability computation. Pure python implementation with no dependency. Will be used to assist tutoring in statistics courses at UC Berkeley.

CodingBulls (https://github.com/listar2000/coding_bulls)

A team project for the Ruby on Rails Decal. A platform for clubs and orgs in campus to propagate their information and announcements. Construct the back-end from scratch (from db schema to model and controllers) using rails framework, integrate AWS S3 service for image storage, and apply JQuery and Bootstrap on front-end for better user interface and interactions.

Personal Website (<https://github.com/listar2000/starli.xyz>)

Personal website of mine. Hand-writing css javascript on the front-end to achieve special styles and effects on the index page. Use NodeJS and express.js framework at the back-end serving web pages. Configure Nginx in the VPS for reverse proxy.

SKILLS

Programming Language

Java, Python, Javascript, R, C, Ruby

Text Editing

MS Office, Pages, markdown, L^AT_EX, html/css

Language

English, Mandarin