Jiro Noor

jiro.noor@berkeley.edu • linkedin.com/in/jiro-ryzard-noor • github.com/jironoor8903

EDUCATION

University of California, Berkeley | Berkeley, CA

B.A. - Computer Science

Coursework: CS 61B: Data Structures, Data 8: Foundations of Data Science, EECS 16A: Designing Information Devices and Systems I (Includes Linear Algebra), CS 61A: The Structure and Interpretation of Computer Programs

SKILLS & TECHNICAL TOOLS

Languages: Java, Python, Golang, HTML, CSS, Javascript, Swift, Scheme

Technologies: Git, MySQL, AWS, Regex, Jupyter Notebook, ReactJS, K6, Redis, NumPy

EXPERIENCE

Software Engineering Intern | Shopee   *May 2022 – Aug 2022*

Jakarta, Indonesia
- Developed a REST API service using Go for the backend of a mini marketplace application. Used Redis as Cache storage to store product list, and JWT for user authentication.
- With 2000 users and over 53 million product data, the system could support: 3103 qps (browse list of products api) and 1330 tps (login api), averaged 300ms response time for all requests. 103% improvement from previous version.
- Technologies: Go, Javascript, API, Git, MySQL, K6

Club President (Code Club) | Jakarta Intercultural School   *Aug 2020 – May 2021*

Jakarta, Indonesia
- Designed curriculum and taught 50 students the fundamentals of web development through building their own applications using HTML/CSS.

Accounting Student Researcher | Pioneer Academics   *Feb 2020 – Jul 2020*

Jenkintown, Pennsylvania
- Conducted research with Professor Omri Even-Tov of UC-Berkeley Haas, a Poets and Quants 2018 Best 40 Under 40 Professors, and wrote a thesis paper on the topic of "Whether IBM is ready for the future of Cloud Computing?"
- Performed exploratory data analysis on 10-k reports using the Discounted Cash Flow method to predict future stock price and valuation.

Data Analytics Intern | Shopee   *May 2019 – Jul 2019*

Jakarta, Indonesia
- Conducted competitor analysis and designed front-end app mock-ups to optimize style, maintainability, and best practice. Test unreleased beta updates to uncover, identify and document bugs.

PROJECTS

Docsiom | *Typescript, Javascript, MongoDB (https://github.com/jironoor8903/docsiom)*   *Sep 2022 – Dec 2022*
- Created a Google Docs and Notion hybrid using Next.js for the frontend.
- Developed the backend by using Node.js and MongoDB to include features such as authentication, authorization, and cloud backup.

"Gitlet" Version Control System | *Java*   *Apr 2022*
- Utilized Java to implement a version-control system with basic git commands such as init, add, commit, merge, branch, and checkout. using sha-1 and a parallel representation of classes as serialized files to ensure persistence.

LokalSayur | *Java (https://play.google.com/store/apps/details?id=com.madanidigital.lokalsayur)*   *Apr 2020 - May 2021*
- Developed an Android based application that aims to maintain the flow of the affected food supply chain of Indonesia due to the COVID crisis. The app connected street vendors with local customers so that local farmers could still sell their crops and earn money.
- Technologies: Android Studio, Java, MySQL