

Winston Purnomo

winstonp@berkeley.edu // [+1-510-759-7711](tel:+15107597711)

winstonpurnomo.github.io/homepage // linkedin.com/in/wpurnomo

Profile

Results-driven CS student, with desire for Software Engineering roles. Fast learner with strong desire for knowledge and self-improvement, with excellent communication skills.

Education

University of California, Berkeley

Aug 2019 -- *present*

Bachelor of Arts in Computer Science

GPA: 3.667 / 4.000

Courses taken:

Structure and Interpretation of Computer Programs, Data Structures and Programming Methodology, Machine Structures, Discrete Mathematics and Probability Theory, Efficient Algorithms and Intractable Problems, Computer Security, Programming Languages and Compilers

Skills

Programming: Python, Java, C, Golang, Lisp/Scheme, OCaml, JavaScript, Dart, Kotlin

Languages: Bahasa Indonesia, English, Mandarin Chinese

Experience

Shopee Indonesia

Jakarta, DKI, Indonesia

Product Management Intern

Jun 2021 – Aug 2021

- Led development for internal data analysis program using optical character recognition (OCR) with 99% accuracy, reducing data analysis time by 95%.
- Designed and performed user-acceptance testing for client application with more than 120 million users.
- Defined product requirement document (PRD) and coordinated with business teams to define product specifications.

Data Science Intern

Jun 2020 – Sep 2020

- Segmented users based on their value to the company to maximize churn reduction.
- Utilized Python, SciKit-learn, and PyTorch to classify potential churners among users, reducing churn rate by 30%.
- Modularized the model to enable future teams to expand upon work with additional features.

UC Berkeley EECS Department

Berkeley, CA, USA

Tutor, CS 61A

Aug 2021 -- *present*

- Lead weekly small-group discussion sections for 5-6 students, covering concepts and problem-solving approaches in Python. Topics covered include recursion, OOP, interpreter design and regular expressions.
- Review academic integrity violations and recommend appropriate action.

Berkeley Indonesian Student Association

Berkeley, CA, USA

Head of Technology and Operations

May 2020 – Apr 2021

- Redesigned website to include student portal, complete with login system, to enable access to member-exclusive resources.
- Orchestrated online shift of club activities, events and fundraisers to ensure continued operation during COVID-19 pandemic.