

TINH NGUYEN

2540 Regent St. Apt 2, Berkeley, CA 94704

Mobile: (925) 872-5877

tin.h.t.nguyen@berkeley.edu

EXPERIENCE

Meanwise

Backend Engineering Intern

Berkeley, CA

May 2016 – August 2016

- Designed and programmed REST API backend to serve iOS, Android, and web application. Responsibilities included designing data models, building appropriate RESTful routes, setting up authentication and protection, and programming recommendation and search functionalities.
- Programmed in Python using Elasticsearch and Django REST framework.

PROJECTS

ChatPolitics

Independent Project, CalHacks 3.0

Berkeley, CA

November 2016

- An application that allows users to anonymously converse one-on-one about politics and express grievances he or she may be experiencing in a particular state. Aimed to bridge the connection between divided parts of the country and open a safe space to chat.
- Deployed through Django, using django-channels for chatroom implementation.
- Censorship of hate speech and other toxic behavior through sentiment analysis.

Gitlet

Course Project, Data Structures and Algorithms

Berkeley, CA

May 2013 – January 2014

- Designed and programmed a fully functional local version control system that mimics git commands.
- Implemented from scratch in Java by serializing objects and files.

Intel Talent Search

Competition Entry, Speed Reader

Pleasanton, CA

May 2013 – January 2014

- Designed and programmed Speed Reader, a “chunking” algorithm devised to segment text into groups of words. In theory, quick highlighting of “chunks” would train users to read faster and with a higher retention rate.
- Word chunking algorithm implemented in Java partitioned text based on English clauses.

EDUCATION

University of California Berkeley

Bachelor of Arts in Computer Science

Berkeley, CA

2014 – 2018

GPA: 3.55

Machine Learning (cs189)
Artificial Intelligence (cs188)
Computer Architecture (cs61c)
Foundations of Data Science (data8)
Linear Algebra (math54)

Algorithms (cs170)
Data Structures (cs61b)
Discrete Math and Probability (cs70)
Matrices and Graphs (stat89a)
SICP (cs61a)

Proficient in: Python, Java, JavaScript, SQL, Octave, R, HTML, CSS, LaTeX

Frameworks: Django (REST), Android, Node.js, Heroku

Linkedin: www.linkedin.com/in/tinhnguyenucb

Github: www.github.com/tinhnguyen20

Website: www.tinhnguyen.me