

Gladys Ng

Computer Science Undergraduate

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Education

EXPECTED JUNE 2019

B.S. in Computer Science / University of California, Los Angeles

Cumulative GPA: 3.939

Relevant Coursework:

▪ Data Structures and Algorithms	▪ Web Applications	▪ Database Systems
▪ Computer Systems Architecture	▪ Computer Networks	▪ Operating Systems
▪ Programming Languages	▪ Artificial Intelligence	▪ Machine Learning

Relevant Projects

JULY 2018 - CURRENT

Exercise Web App – React.js app that allows users to customize and run workouts

- Designed and built concise, intuitive workout editor and run manager with React.js
- Generated and played voiceovers for workout runs with Azure's Text-to-Speech API and Web Audio API
- Served cached voiceovers from an Express.js server

FEBRUARY 2018 – MARCH 2018

Blogging Web App – MEAN stack blog site where authenticated users can edit their posts

- Designed interactive editor, preview, and post collection panes using Bootstrap
- Revamped editor to synchronize posts with the back-end via HTTP or to continue offline
- Restricted access to a user's blog editor with JWT cookie authentication

NOVEMBER 2017

Location Propagation Server – Python server that sends locations using asyncio or fails gracefully

- Screened client requests and replied with locations parsed from Google Places API
- Flooded location data between identical servers in a herd

Programming Skills

C/C++ (3/5) Python (3/5) Java (2/5) SQL (3/5) Bash (2/5) React.js (3/5) Express.js (3/5)

Activities

SEPTEMBER 2016 - JUNE 2017

Resident Learning Center Consultant / UCLA Residential Life

- Worked in teams to propose, advertise, and lead interactive workshops that introduced our choice of technology (NFC, Arduino) to dorm residents
- Volunteered with crowd control and presented gaming booth at on-campus technology showcases