

# Gladys Ng

## Computer Science Undergraduate

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[gln7121.github.io/personal-site](https://gln7121.github.io/personal-site) 

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## Education

EXPECTED JUNE 2019

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

Cumulative GPA: 3.94

Relevant Coursework:

|                         |                           |                         |
|-------------------------|---------------------------|-------------------------|
| ▪ Algorithms            | ▪ Web Applications        | ▪ Database Systems      |
| ▪ Software Engineering  | ▪ Computer Networks       | ▪ Operating Systems     |
| ▪ Computer Architecture | ▪ Computer Graphics       | ▪ Programming Languages |
| ▪ Machine Learning      | ▪ Artificial Intelligence | ▪ Graph Theory          |

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## Relevant Projects

OCTOBER 2018 – DECEMBER 2018

**Domino Simulator** – C# Unity game that simulates building and knocking over 3D domino chains

- Implemented build features like undo, rectangular mass-select, and copy-preview-paste
- Wrote all Unity Test Runner tests to manipulate dominos and save domino chains

JULY 2018 – OCTOBER 2018

**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 voiceover files from an Express.js server

NOVEMBER 2017

**Location Propagation Server** – Python server that asynchronously sends locations or fails gracefully

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

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## Programming Skills

C++/C#/C   JavaScript   Python   HTML/CSS   React.js   Express.js   Node.js   Java   SQL   Bash

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## 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 as crowd control and presented gaming booth at on-campus technology showcases