

RAISA GANDI PUTRI

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EDUCATION

University of California, Davis

September 2016 - December 2019

B.S. in **Computer Science**, Minor in **Music**

GPA: 3.357 / 4

- Relevant coursework: C Programming, Object-Oriented Programming in C++, Data Structures, Computer Organization, Computer Architecture, Programming Languages, Legal Writing, Game Theory, Algorithms* (in progress)
- Projected coursework: Operating Systems
- **Activities:** Davis Computer Science Club, Society of Women Engineers, UC Davis Women in Computer Science

SKILLS

Proficient: C++, C, Python

Some experience: Golang, Javascript, HTML/CSS

Tools: UNIX/Linux, vim, git, GDB

EXPERIENCE

Computer Science tutor | UC Davis

October 2018 - present

- Volunteer tutor for undergraduate introductory programming courses in Python and object-oriented programming in C++
- Explain and break down programming concepts and provide help with debugging

PROJECTS

Personal website | raisagandi.github.io

October 2018 - present

- Use HTML and CSS to create a personal website

Evacuating cities

November – December 2017

- Used C++ to write a class Evac that determines the routes taken to evacuate a group of cities that are geographically close to each other, by implementing breadth first search (BFS) and depth first search (DFS)

BTree simulation

October 2017

- Used C++ to implement B+ tree insertions, implemented using classes and inheritance

AWARDS

Grace Hopper Conference Scholarship 2018

- from the **UC Davis Dean of Engineering**

OTHER

EXPERIENCE

Motivational speaker | UC Davis

September 2017 – January 2018

- Invited by lecturer Matt Butner to speak to lower division CS courses
- Inspired over 500 students by sharing personal freshman year challenge with programming and encouraged them to seek help from instructors or counselors
- Significantly improved students' study skills and grades

Music composer | soundcloud.com/raisa-gandi-putri

2011 - present

- Compose piano pieces of different genres and write autobiographical songs
- Total number of plays for **25** original released tracks: **11,325** (September 2018)

Conductor & TA | Global Sevilla Children Choir, Indonesia

2015

- Taught basic choral skills to middle school students, most of whom have had no prior experience with music
- Award: Silver Medal – Penabur Choral Festival, Indonesia (2015)