



# REYES, RAVEN AURIESH C.

BS CHEMICAL ENGINEERING

## CONTACT

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## SKILLS

### PROGRAMMING LANGUAGES



PYTHON C++ JAVA

### FRONT-END DEVELOPMENT



REACT JS MATERIAL UI

### PLANT DESIGN TOOLS



ASPEN HYSYS AUTOCAD MATLAB

### TOOLS AND PLATFORMS



GIT BASH GIT HUB MYSQL

## PROFILE

Skilled Chemical Engineering student, looking for an opportunity to contribute my skills in Engineering and Programming for the company's growth and success. I've done research related to my degree, been in different hackathons and coding for a couple of years using HTML/CSS/JS, Matlab, and Java.

## EXPERIENCE

### DESIGN ENGINEER INTERN

ANTHROSERV INC. | JUN 2020 - AUG 2020

- Create an excel estimation sheet to calculate the design parameters of each type of equipment in waste water treatment facilities.
- Proposed 50 CMD wastewater treatment plant and prepared a market study for clients.

### STUDENT ASSISTANT

ADAMSON UNIVERSITY | JUN 2015 - MAY 2018

- Assisted computer technicians to facilitate student's data management.
- Assisted professors and students in using the computer and other devices.
- Manage and maintenance of computers in the assigned computer laboratories.

## EDUCATION

### BACHELOR OF SCIENCE, MAJOR IN CHEMICAL ENGINEERING

ADAMSON UNIVERSITY | 2015 - 2021

## MAIN PROJECTS

- **Hackathon: Digital Solution Challenge-** University of the Philippines, (March 19-30, 2021)  
Launch the prototype of our proposed "AgroPro" mobile application integrated with AI to help achieve sustainable development goal # 3 which is to End Hunger.
- **Develop PI Control System for Power Plant using Simulink in MatLab and in Java,** Adamson University (March 15-June 1, 2021)  
Manipulated process variables using Laplace transform equations to analyze setpoints for equipment's productivity.
- **50 CMD WASTEWATER TREATMENT PLANT,** ANTHROSERV INC. (June 21-August 22, 2020)  
Submitted a capstone project where sequencing batch reactor's parameters were calculated in excel sheet, design process instrumentation diagram, and tank layout, and performed cost estimation sheet for all of the equipment, chemicals, and instruments designed in the proposed plant.

## AWARDS

**UNIVERSITY OF THE PHILIPPINES, 2021**  
FINALIST DILIMAN SOLUTION CHALLENGE  
MARCH 2021

**ANTHROSERV INC.**  
MOST OUTSTANDING MARKETING PROPOSAL  
AUG 2020

**ADAMSON UNIVERSITY**  
GOLD MEDALIST AWARDEE-ENGINEERING STUDENTS SCHOLARS  
MARCH 2016

**MARIVELES NATIONAL HIGH SCHOOL- CABCABEN**  
1ST HONORABLE MENTION GRADUATION BATCH 2015  
APRIL 2015