

# Mitchel Gabriel H. Carreon

Fresh graduate with hands-on experience in web app development and machine learning. AWS-Certified Cloud Practitioner.

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<https://mitchel-carreon-portfolio.netlify.app/>

## EDUCATION

**University of Arkansas at Little Rock, Little Rock AR — Bachelor of Science in *Computer Science***

May 2019 - May 2022

**Mapua University, Metro Manila, PH — *Psychology***

June 2013 - December 2017

## CERTIFICATIONS

**AWS Certified Cloud Practitioner (2022) — *Amazon Web Services Training and Certification***

## PROJECTS

**Academic Department Teaching Assignments Assistant — *Mar 2022 - May 2022***

Developed using ReactJS and Flask, this lightweight web app is a scheduler for assigning instructors to classes based on factors such as instructors' expertise, classes' required expertise, class time conflicts, etc.

Initially prototyped using Figma, its interface has been optimized for desktops and consists mainly of Material-UI (MUI) components, providing that conventional navigation which users are accustomed to. Along with the help of ReactJS routes, Flask was utilized in order to seamlessly serve pages. Backend routes were configured to interact (CRUD) with the app's database using libraries such as flask-sqlalchemy and flask-jwt-extended for some security. At the time of development, SQLite was sufficient. However, due to Heroku's ephemeral filesystem, the app has been configured to use PostgreSQL upon deployment for a more reliable data persistence.

## SKILLS

ReactJS. Flask. MySQL.  
Python. C++. Java. Kotlin.  
Bootstrap. HTML. CSS. Figma.  
Heroku. Cloud Firestore.

## AWARDS

**Top Senior Student**  
(*Department of Computer Science*) - SY: 2021 - 2022

**Chancellor's list - Spring 2022**

**Chancellor's list - Spring 2021**

**Dean's list - 2020 Fall**

**Chancellor's list - 2020 Spring**

**Dean's list - 2019 Fall**

## LANGUAGES

English. Tagalog.