

# CHARL C. CORTEZ

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<https://portfolio-s6by.vercel.app>

## OBJECTIVE

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Enthusiastic Computer Science student passionate about front-end, web, and mobile application development. I possess a strong foundation in web development technologies and am a lifelong learner, eager to expand my skill set.

## EXPERIENCE

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**On-the-Job Training at Department of Science and Technology - August 2024 - September 2024**  
**Technology Application and Promotion Institute (DOST-TAPI)**

- Validated technological data by comparing IPOPHL website and SIPAG database, ensuring accuracy in key details such as application and technology information.
- Engaged in Laravel and React Native training, practicing web and mobile app development to enhance software development skills.

## EDUCATION

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**Cavite State University - Bacoor City Campus September 2021 - Current**  
Bachelor of Science in Computer Science

**Las Piñas City National Science High School June 2015 - March 2021**  
Junior and Senior High School (STEM)

## SKILLS

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- Proficient in HTML, CSS (including Tailwind CSS), and JavaScript for responsive web interfaces.
- Skilled in Canva and Inkscape for creating visually appealing designs.
- Proficient in Dart and Flutter for cross-platform mobile app development.
- Knowledgeable in Java, Python, PHP, and MySQL/PostgreSQL (including Supabase) for back-end development.
- Experienced in Git for efficient version control.
- Analytical with strong problem-solving skills for innovative solutions.
- Detail-oriented and creative, delivering high-quality, precise work.

## ACHIEVEMENTS

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**Top Performing Student Cavite State University - Bacoor City Campus**  
Recognized as Top 3 (2022-2023) and Top 2 (2021-2022) Performing Student in BS Computer Science at Gawad Parangal.

**Academic Awards Las Piñas City National Science High School**  
Earned With Honors (Grade 8, A.Y. 2016 - 2017; Grade 10, A.Y. 2018 - 2019; Grade 11, A.Y. 2019 - 2020)  
Earned With High Honors during the Academic Year 2020 - 2021 (Grade 12 Level)

## PRESENTATIONS AND RESEARCH STUDIES

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### **Smart Budgeter: An Artificial Intelligence Android Application Budgeting Assistant for Proactive Financial Management**

*Cavite State University - Bacoor Campus - Fourth Year (A.Y. 2024 - 2025)*

Undergraduate Thesis

Developed using Dart, Flutter, and Python

### **G! Arat Na: Enhancing Efficiency and Accessibility through a Web-based Event Registration System for Cavite State University - Bacoor Campus**

*Cavite State University - Bacoor Campus - Third Year, Second Semester (A.Y. 2023 - 2024)*

A Project for Programming Languages course

Developed using HTML, CSS, Tailwind CSS, JavaScript, PHP, and MySQL

### **CropCraft: Integrated Crop Management System for Cultivation Tasks**

*Cavite State University - Bacoor Campus - Third Year, First Semester (A.Y. 2023 - 2024)*

Baby Thesis for Applications Development and Emerging Technology course

Developed using Android Studio with Java as the primary language

### **Pathway to Academic Progress and Success (PAPS): University Admission Management for Optimization**

*Cavite State University - Bacoor Campus - Third Year, First Semester (A.Y. 2023 - 2024)*

A Project for Software Engineering II course

Developed using HTML, CSS, Tailwind CSS, JavaScript, PHP, and MySQL

## ORGANIZATIONS

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### **Alliance of Computer Scientists**

August 2023 - April 2024

Cavite State University - Bacoor Campus

- Head of Committee on Publication Materials (Third Year, Second Semester)
- Member of Committee on Publication Materials (Third Year, First Semester)

### **Supreme Student Government (SSG)**

August 2020 - July 2021

Las Piñas City National Science High School

- Grade 12 Level Representative

## SCHOLARSHIP

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### **DOST-SEI Scholar (Department of Science and Technology - Science Education Institute)**

R.A. 7687 Undergraduate S&T Scholarship (Awarded in 2021)