



# MARK HUBERT BOCTULAN

## Computer Engineering Student

### CONTACT

- 📞 09708199724
- ✉ boctulanm@gmail.com
- 📍 Cogon, Tagbilaran City, Bohol

### SKILLS

- ✓ JavaScript / Python / Dart / C++
- ✓ PWA & Firebase Development
- ✓ CNN & Image Classification
- ✓ Embedded Systems & Sensors
- ✓ Flutter Mobile Development
- ✓ GitHub & Version Control

### SOFTWARE

- ✓ VS Code / Android Studio
- ✓ Google Colab / Firebase/Supabase
- ✓ Flutter SDK
- ✓ Git / GitHub
- ✓ Arduino IDE

### LANGUAGE

- ✓ Filipino
- ✓ English

### ABOUT

Computer Engineering student at Bohol Island State University with hands-on experience in Progressive Web Apps, AI/ML applications, and embedded systems. Passionate about building real-world tech solutions for communities using Firebase, Flutter, CNN, and microcontroller systems.

### FEATURED PROJECTS

#### Resilink – Lead Web Developer

Academic Project, BISU | Jan 2026 - Apr 2026

Built a PWA for LGU disaster response coordination in Bohol with Firestore sync, FCM notifications, and offline support.

#### Lumber Identification App – App Developer

Academic Project, BISU | Jan 2026 - Apr 2026

Developed a Flutter app using a trained CNN model to classify lumber types from images via Google Colab.

#### Baobao Fare System – Embedded Developer

Academic Project, BISU | Jan 2026 - Apr 2026

Built a Hall sensor-based fare system with ISR debouncing and a READY→COUNTING→STOPPED state machine.

### EDUCATION

#### Bohol Island State University

2023 - 2027

Bachelor Degree in Computer Engineering