

Education

Visayas State University
Aug 2022 - Current

Bachelor of Science in
Computer Science

Achievements

- **Awarded University Honors for 1st year 1st Semester**
- **Won 1st place at 1st EVCO Coding Olympics Champion:** Team Big-O (Java Category), against 30+ Teams
- **Awarded University Consistent Honors for 1st Year 2nd Semester & 2nd Year 1st Semester**

Projects

1. **Built and improved Promptopia by [JavaScriptMastery](#)** – A full-stack [Next.JS 13](#) app produced with 3 technologies: [React.JS](#), [Google OAuth](#), and [MongoDB](#).
 - Developed a platform for sharing powerful AI prompts with posting, editing, deleting, and commenting native in the webapp with <1s API response time with >1000 database entries.
 - Devised a normalized database for reliable data storage and retrieval using the reliable Mongoose JavaScript package.
2. **Coded along and improved React Chat app by [LamaDev](#)** – A full-stack [React.JS](#) real-time chat app with [Firebase Database and Storage](#) as the backend. 100+ users, 1000+ database entries.
 - Implemented real-time data retrieval using 5+ functions from [Firebase-react-hooks](#) and [Firebase storage react hooks JavaScript package](#).
 - Crafted a *group chat* functionality along with read-receipts, timestamps, and status checking for offline and online users with instantaneous (<1 second) data revalidation.
3. **Created and designed Safekey** – A [C# ASP.NET](#) file encryption app for files up to 2GB with an easy 3-step encryption process. 100% data preservation and only a 0.1% file size increase.
 - Designed the application interface for an intuitive and smooth user experience when using the program.
 - Integrated automatic file format recognition for file encryption of any file type for easy and fast (<2 seconds) encryption
4. **Developing an E-Commerce IMS** – developing a full-stack [Next.JS 13](#) project for a client that will be used to manage inventory and revenue and provide analytics for products to keep in stock
 - Employed the use of [Google OAuth](#) for secure and quick user authentication together with [Next.JS 13 auth](#)
 - Utilizes [Google Firebase Database and Storage](#) for reliable and swift data retrieval (<1s).

Languages and Technologies

- **5 Frameworks:** Next.JS13, React.JS, Node.JS, Express.JS, Vite
- **6 Web Dev Langs:** TailwindCSS, HTML5, CSS3, JS, TypeScript
- **4 Other Langs:** C, C#, C++, Java
- **2 Deployment technologies:** Git & Vercel

Notable Skills & Interests

1. **Speaks English Fluently** – I have a wide vocabulary and can articulate my thoughts to the people on my team effectively in less than 5 minutes
2. **Learning Constantly** – I learn what types of applications certain technologies are most suitable within 1 month.
3. **Attained Wide Language Pool** – Experience with 7+ programming languages during personal and academic studies has made me open to learning new languages.