

# David Antonio Ty

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## PROJECTS

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### Money Manager | C#, Windows Forms, MySQL

*Full Stack Developer (Mar 2024 - May 2024)*

- Developed comprehensive money management app to efficiently track funds and expenses for up to 100+ users
- Built up to date budgeting tools and integrated past spending analysis using 3+ charts and graphs to provide data-driven financial insights
- Constructed intuitive, visually appealing UI and utilized MySQL to securely store and process thousands of transactions
- Optimized data retrieval and incorporation of new features, improving app performance by more or less 30%

### Consultation Management | C#, Windows Forms, Figma, Git

*Front-End Developer (Feb 2024 - Mar 2024)*

- Programmed core login and signup functionality for consultation management kiosk application
- Collaborated with UI/UX team to build responsive front-end from wireframes
- Wrote reusable C# components, increasing development efficiency by 20%
- Executed Git version control to seamlessly integrate updates and enable effective collaboration among 4 developers

### Etch-A-Sketch | HTML, CSS, Figma

*Web Developer (Feb 2024)*

- Developed essential features like erase, undo/redo to enable users to create and refine sketches in real-time
- Concepted clean, modern UI in Figma and translated to semantic HTML and CSS, optimized for cross-browser compatibility
- Collaborated with 2 team members to ensure smooth project development, focusing on user-friendly design and performance optimization.

### OneDear-Plan | Figma, NicePage

*Designer / Planner (Jun 2023)*

- Co-designed engaging UI for innovative health and fitness tracker app proposal focused on personalized user journeys
- Produced 4+ high-quality page designs in Figma, incorporating intuitive navigation and data visualization for key health metrics
- Prototyped fully functional HTML pages using NicePage, leveraging advanced drag-and-drop features to efficiently translate designs.

## EDUCATION

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### Visayas State University, Baybay City, Leyte, Philippines

*Bachelor of Science in Computer Science (Sep 2022 - Present)*

*Expected Graduation: Aug 2026*

Key Coursework: Fundamentals of Programming, Intermediate Programming, Object-Oriented Programming, Fundamentals of Database Systems, Data Structures and Algorithms, Information Management, Algorithms and Complexity, Computer Organization and Architecture, Applications Development, Event-Driven Programming

## SKILLS

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**Programming / Scripting Languages:** C, C++, C#, SQL, HTML, CSS, JavaScript, Assembly

**Tools:** Git, .NET, Figma

## ADDITIONAL INFORMATION

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**Languages:** English, Tagalog

**Organization:** Computer Science Student's Society (Sep 2022 - Present)