Alvin Dennis

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About Me

Dynamic Electrical & Electronics Engineering professional skilled in IoT, circuit design, renewable energy systems, proficient in UI/UX design, web development, manual software testing, an open-source enthusiast, adaptable and disciplined, with strong teamwork abilities and event management experience, committed to delivering innovative and impactful solutions.

Skills

Programming Languages: Python, C, HTML/CSS, JavaScript, Markdown, LaTeX, Bash

Web & Frameworks: Next.js, React.js, Vue.js, Astro, Node.js, Tailwind CSS

Databases & Backend: MongoDB, PostgreSQL, Firebase, Supabase, Prisma

Tools & Platforms: Git & GitHub, Hoppscotch, Visual Studio Code, Figma, Vercel, Cloudflare, GitHub Actions

Technologies: Arduino, Raspberry Pi, Matlab

General Skills: Time Management, Communication Skills, Teamwork, Leadership, Adaptability, Critical Thinking, Attention to Detail, Decision Making, Community Engagement, Mentoring, Problem Solving, Conflict Resolution, Collaboration, Emotional Intelligence, Strategic Planning, Interpersonal Skills

Experience

Community Management Intern, Tinkerhub   Dec 2024 - May 2025
- Assisted in planning community activities, creating engagement within the community.

Campus Co-Lead, Gtech Mulearn SJCET   Mar 2024 - Feb 2025
- Co-led campus initiatives, managed QA Interest Group, and organized events and bootcamps.

Chief Finance Officer, Startup Bootcamp SJCET - IEDC   Sep 2023 - Mar 2025
- Managed finances, organized events, and hosted workshops.

QA Interest Group Lead Intern, GTech MuLearn   Oct 2023 - Mar 2024
- Led QA initiatives, created tasks and mentored members in best practices for software testing.

Education

B.Tech in Electrical and Electronics Engineering, St. Joseph's College of Engineering and Technology, Palai   2021 - 2025

Higher Secondary, Sharjah Indian School, Sharjah   2019 - 2021

Projects

EleGuard   View GitHub
- Developed the software side of EleGuard, focusing on detection logic and automated alerts.

Git Time Machine   View GitHub
- Developed both CLI and web interface for Git Time Machine, enhancing Git history navigation and visualization.

Event Management Tool   View GitHub
- Developed an event management web application developed using Vue.js and Firebase.

Certifications & Achievements

Won 1st prize in "Code to Eve" for developing an New Year themed Discord bot.   December 28, 2024

API Fundamentals Student Expert certification from Postman   January 11, 2024