

Arthur Teng

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EDUCATION

University Of Central Florida

Bachelor of Science in Computer Science

Orlando, FL

Expected Graduation May 2026

TECHNICAL SKILLS

Languages/Frameworks: React, JavaScript, HTML/CSS, Typescript, Java, Python, C, C# , C++

Developer Tools: Git, Github, Vercel, Replit, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, WebStorm, Unity, Cloudflare workers, Arduino IDE, Arduino Micro/Nano

Libraries: Pandas, NumPy, Tkinter, TensorFlow

PROJECTS

Open Controller | React, JavaScript, Tailwind CSS, Web Serial API, Arduino Micro, C++

Sept 2024

- Developed and styled a responsive and **interactive front-end** interface using **React, Tailwind CSS, and JavaScript** for seamless user experience on multiple platforms.
- Integrated the **Web Serial API** to enable **real-time communication** between web interact and Arduino Micro-controller reducing software installations while enhancing ease of use.
- Optimized mode switching** between gamepad and keyboard by collaborating with the hardware team, ensuring seamless transitions and preserving custom key mappings.
- Empowered users with diverse needs by contributing to an open-source adaptive controller, enhancing accessibility through an intuitive interface, portable configurations, and a seamless gaming experience.

Meal Mate AI | TypeScript, React, Next.js, Tailwind CSS, NextUI, Supabase

Apr 2024

- Led the initial design and concept development, aligning with user needs and project goals.
- Built a responsive front-end interfaces using **Tailwind CSS** and **TypeScript** to optimize user experience.
- Created mobile-first layouts that provided a seamless user experience on both desktop and mobile platforms.
- Leveraged CSS Flexbox and Grid systems to ensure enhanced scalability, flexibility, and consistency, improving overall performance by boosting the page load speed by **10%** and reducing layout shift by **15%**.
- Collaborated closely with the development team to diagnose and resolve front-end performance issues, ensuring a smooth user experience.

Grower: College Finance | Python, Tkinter, Pandas

Oct 2023

- Integrated Alpha Vantage API** to dynamically recommend stocks for investing rounded-up transactions.
- Developed a GUI using **Tkinter** to provide interactive front-end interface for users to upload bank statements.
- Implemented transaction logic to calculate and allocate spare change from rounded transactions for investments.
- Optimized **Python** file processing to efficiently parse diverse bank statement formats, improving transaction handling.

EXPERIENCE

Receptionist

Dragon Foot Spa

May 2020 - Aug 2024

Palm Beach Gardens, FL

- Managed appointment scheduling, ensuring no overlap while optimizing daily customer bookings for efficiency.
- Monitored the therapists' schedules and availability, coordinating transitions between appointments seamlessly.
- Handled customer checkouts, processing payments accurately and providing excellent customer service.
- Responded to phone inquiries, assisting clients with booking appointments and answering general questions.

Dish Washer

Bolay

Feb 2023 - April 2024

Orlando, FL

- Washed and sanitized dishes, ensuring kitchen equipment was prepared for the next shift and peak hours.
- Organized teammates' workspaces, streamlining closing procedures for on-time completion.
- Maintained cleanliness, mopping floors, and disposing of trash to uphold hygiene standards.
- Prepared kitchen areas for the next shift, ensuring a smooth transition.