

ARUN RAMKUMAR

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PROFILE

Product-oriented student builder focused on artificial intelligence, automation, and real-world systems. Experience developing applications, robotics, and hardware systems through hands-on building and rapid iteration.

TECHNICAL SKILLS

Python (Developing) • AI Tools (Claude, ChatGPT) • VEXCode Python • Fusion 360 Certified • Web Development • Hardware Systems

PROJECTS

FitTrack Pro: Built health tracking app (nutrition, workouts, reminders); used by 5–10+ users •

<https://fittrack-pro-lac.vercel.app/>

Finance Simulation Platform: Developing paper trading system with portfolio simulation, stock comparison, and watchlists

AI-Assisted Apps: Built multiple web apps using AI-driven workflows and rapid prototyping

SYSTEMS ENGINEERING & HARDWARE

Built custom high-performance PC (Ryzen 7 7800X3D, RTX 4070 Super, 64GB DDR5, 2TB). Researched compatibility, assembled system, installed OS, and independently debugged boot failures, driver conflicts, Bluetooth issues, and CPU thermal problems; optimized for AI workloads.

ENGINEERING & ROBOTICS

Designed and programmed 10+ robotics projects using VEXCode Python, including a rhythm-based robot system

EXPERIENCE

Kumon Tutor (math/reading instruction) • Publix Customer Service (retail operations) • Elements Truffles — In process of contributing primarily to marketing initiatives with some involvement in web development

LEADERSHIP & ACTIVITIES

President, Badminton Club • Vice President, Investment Club • Model UN (UF Conferences) • Badminton Player — Active competitor in Sarasota club; strong performance and continuous skill development • National Honor Society (Member)

EDUCATION

Pine View School for the Gifted • GPA: 3.9 UW / 4.9 W • AP Precalculus, AP Physics 1, PLTW Engineering