Yonatan Tussa

202-556-1564 | tussayonatan@gmail.com | tussa.info | LinkedIn | GitHub

EDUCATION

Montgomery College — Takoma Park, MD
A.A. in Computer Science; GPA: 3.3 — *Expected Dec. 2024*

University of Maryland — College Park, MD
B.S. in Computer Science — *Expected May 2026*

TECHNICAL SKILLS

Languages: C++, Java, HTML/CSS, JavaScript, Python
Frameworks: React, Tailwind
Tools: Git, Docker, AWS Elastic Compute Cloud, Vite, VS Code, Visual Studio, PyCharm, Eclipse
Programs: Microsoft Office Suite, Salesforce, ProntoForms, Adobe Photoshop, Illustrator, Lightroom
Concepts: OOP, Software Engineering, Frontend, Backend, Agile, REST, Communication Protocols

PROFESSIONAL EXPERIENCE

Undergraduate Researcher — Jan. 2024 – Jan. 2024
University of Maryland GRAD-MAP — *MD*
- Collaborated with graduate students and faculty to spearhead cutting-edge astronomical projects
- Analyzed high-speed footage of granular systems with **Python** and its associated libraries to make a connection between terrain slopes of asteroid surfaces and the friction coefficient of the asteroid material

Intern — Oct. 2023 – Dec. 2023
New Energy Equity — *Annapolis, MD*
- Implemented and managed **API**s within **Salesforce** and **ProntoForms** to properly display information for **250+ projects** with budgets ranging from **six figures** to **$1M+**
- Maintained internal databases within SharePoint with files and information from engineering documents such as One-Line diagrams, ensuring seamless access to up-to-date information for **100+ employees**

LEGO STEM Lead Instructor — Jun. 2023 – Aug. 2023
PlayWell Teknologies — *DC, MD, VA*
- Instructed **200+ K-5 students** in STEM across 10+ diverse schools and recreation centers
- Designed dynamic curricula, incorporating LEGO projects to integrate robotics and engineering principles
- **Led teams of up to 6**, fostering a collaborative environment that emphasized teamwork, critical thinking, and open communication

After School Program Aide — Aug. 2022 – Jun. 2023
KidsCo — *Takoma Park, MD*
- Orchestrated dynamic and interactive activities, implementing educational resources to nurture creativity, problem-solving, and teamwork within groups of up to 20 children
- Tailored activities to cater to diverse interests and learning styles, ensuring an enriching after-school program

Founder and CEO — Dec. 2020 – Aug. 2022
YizzKicks — *MD*
- **Led a 4-member team** to establish and operate a successful online business, achieving **$50,000+** in sales
- Directed marketing campaigns and implemented competitive pricing strategies on high-demand footwear, clothing items, and technology, delivering value to **1,000+** customers
- Captured and refined product photos using **Adobe Photoshop**, **Illustrator**, and **Lightroom** for enhanced visual appeal and successful sales

PROJECTS AND RELEVANT EXPERIENCE

TradeTorch | *Personal Project* — Dec. 2023 – Present
- Developing TradeTorch app with **ReactJS** and **TailwindCSS** to facilitate knowledge exchange, connecting lifelong learners with mentors, and providing students access to industry professionals seeking to guide future generations

STEM Ambassador | *Montgomery College* — Oct. 2023 – Present
- Actively contributes to the promotion of STEM education at Montgomery College through outreach activities, workshops, and events to inspire and mentor students in science, technology, engineering, and mathematics
- Manages and **curates content for the STEM Ambassador website**, ensuring an engaging online presence that reflects the initiative's mission and impact