

Vineet Parvathala

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EDUCATION

University of Michigan, College of Literature, Science, and the Arts

Ann Arbor, MI

Bachelor of Science (B.S), Computer Science & Cognitive Science

May 2022

GPA: 3.786/4.00 | **Relevant Coursework:** EECS 281 | EECS 280 | EECS 203 | EECS 183 | STATS 250

Technical Skills: Java | C++ | Python | React Native | HTML/CSS | VBA | Tableau | Trello | Microsoft Office

South Brunswick High School

Monmouth Junction, NJ

GPA: 4.4/4.0 | **ACT:** 34/36 (Composite) | E: 35 | M: 35 | R: 33 | S: 34

June 2018

AWARDS & HONORS

- 1st place – Ann Arbor SPARK Venture Capital Pitch Competition (March 2019)

WORK & LEADERSHIP EXPERIENCE

UMichMart (UM²)

Ann Arbor, MI

Lead UI/UX Designer/Software Developer

January 2019 - Present

- Performed market research via surveys and interviews, analyzing campus preferences to determine that 98.7% of college students surveyed desired convenient and secure platform for student-based transactions
- Developed React Native e-commerce application for Android and iOS to facilitate consumer-to-consumer sales of student tickets and apartment leases, creating centralized campus marketplace for student goods
- Led design vision for app by crafting sketches, process maps, wireframes, and Figma mock-up interfaces to improve the user flow and optimize onboarding and dashboard navigation experience for new users
- Implemented in-app payment method and integrated PayPal with escrow service to prevent student fraud
- Negotiated contract with local startup incubator, securing \$10,000 in legal and entrepreneurial resources

Premier Kicks

Princeton, NJ

Founder & Application Architect

August 2017 - Present

- Designed mobile shortcut to automate the process of adding a sneaker to the cart, filling in shipping and billing information, and completing the purchase within three seconds
- Started online shoe venture, buying and reselling highly coveted sneakers for premium prices
- Analyzed sneaker market and adverse price movements to assess and control potential investment risk
- Leveraged social media platforms to strategically build customer base and commercial operations
- Completed \$10,000 in transactions upon forecasting geographic trends in sneaker/apparel demand
- Coordinated transactions with store managers to increase branding and client-facing engagement
- Negotiated and executed deals with London and Hong Kong customers to improve profit margins

Chubb

Whitehouse Station, NJ

Technology Summer Analyst

May 2019 – August 2019

- Analyzed vendor data to identify drivers behind invalid business addresses and better assess location risk in Chubb Marketplace, improving insurance agents' address accuracy by 30% in 40,000 quotes per month
- Conducted quality control and technology assessments using HP Application Lifecycle Management web client tool to review app development and performance defects within recently launched quote service
- Created visual aids and charts, documenting new agent onboarding workflow and recommending process improvements to eliminate team dependencies and expedite onboarding time by 50%

New Jersey Institute of Technology | Department of Biological Sciences

Newark, NJ

Biomedical Engineering Analyst Intern

June 2017- August 2017

- Created prototype to combat Parkinsonian tremor by stimulation of wrist receptors, increasing wrist stability and enhancing basic patient movements and tasks such as eating and writing
- Evaluated stability data of over 50 patients using MATLAB programs and constructed visuals to depict a representative correlation between patient stability and factors such as age and physique
- Analyzed Arduino-based microcontrollers and devices to understand implementation purpose, assess areas of improvement, brainstorm functional use cases, and recommend a novel design

ADDITIONAL

Activities & Interests: StartUM | Michigan Hackers | AP CS Tutor | Founder of Society of Young Innovators