

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: 3.92/4.00 | **Technical Skills:** Java | C++ | MATLAB | Python | Tableau | Microsoft Office

Relevant Coursework

- **Winter 2019:** EECS 203 (Discrete Math) | EECS 280 (Data Structures) | PSYCH 112 | EARTH 154
- **Fall 2018:** EECS 183 (Elementary Programming Concepts) | ENG 125 | LING 111 | ANTHRCUL 101
- **Other:** AP Computer Science A | CS Topics (Data Structures & Game Design) | Computer Science in the 21st Century | Multivariable Calculus & Linear Algebra (MCLA) | AP Calculus BC | AP Statistics

South Brunswick High School

Monmouth Junction, NJ

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

June 2018

Awards & Recognitions | High Honor Roll

- Commended Scholar | PSAT National Merit Scholar Program
 - Finalist | FBLA Information Technology Competition
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WORK & LEADERSHIP EXPERIENCE

Premier Kicks

Princeton, NJ

Application Architect & Manager

August 2017 - Present

- Designed computer application 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/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

New Jersey Institute of Technology | Department of Biological Sciences

Newark, NJ

Biomedical Engineering Research Summer Analyst Intern

June 2018- August 2018

- 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

Society of Young Innovators

Monmouth Junction, NJ

President & Co-Founder

August 2016 – August 2018

- Established organization to immerse students in lively debates about innovations and trends in technology
- Orchestrated safe and intellectual forums for students to exchange ideas without mediation of advisors
- Expanded club's reach to over 65 individuals and fundraised \$4,000 to increase club's budget and provide for expenses such as prizes, food, and materials
- Corresponded with library supervisors, local business owners, and college professors to find club sponsors, guest speakers, and esteemed judges for quarterly club-run competition

South Brunswick School District

Dayton, NJ

Team Captain – Recreational Basketball

April 2015 – May 2018

- Organized and managed team of 10 players to participate and compete in tournament-style league games
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ADDITIONAL

Activities & Interests: Michigan Hackers | IASA All-Male Fusion | Science League Team | Viking Volunteers