

Tejas Mehta

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| Education | Morris County School of Technology — Denville, New Jersey Academy for Computer and Information Sciences I GPA 4.78 I High Honor Roll Student | <i>Sept. 2018 - Present (Graduating 2022)</i> |
| Major Achievements | 2nd place at pitchNJ (a local pitch event at Fairleigh-Dickinson University) <ul style="list-style-type: none"> Pitched our novel privacy based Operating System, blinkOS, resulting in a \$500 reward International Teen Startup Incubator (YoungLeaders Build) — Montreal, Canada <ul style="list-style-type: none"> Built a custom, complex operating system and its subcomponents Pitched the project at an event with an audience of 100+ people Caught the eye of a Venture Capital fund, 1517, resulting in a \$1000 grant and continued communication 1st place at hackMCST (hackathon at Morris County School of Technology) <ul style="list-style-type: none"> Built an application anonymize & encrypt the most popular form of messaging, SMS/MMS 1st place at makeSPP (hackathon at Saint Peters Prep High School) <ul style="list-style-type: none"> Built the first iteration of an Android-based operating system based around user privacy | <i>February 2020 July 2019 - Aug. 2019 October 2019 April 2019</i> |
| Work Experience | Freelance Application Developer — Online Working online for clients with Industry-Level Development standards <ul style="list-style-type: none"> Working as a developer online, learning and adhering to industry-level development standards Delivering clean, intuitive, and quality applications while working in a set timeframe IonWeather — Denville, New Jersey Worked on application & system development <ul style="list-style-type: none"> Built & published a custom, intuitive, and cross-platform application to promote their services Peer Instructor — Any Location, New Jersey <ul style="list-style-type: none"> Prepared lesson plans to teach both STEM, Computer Science, and varying Mathematic skills Kumon — Randolph, New Jersey Grader & Tutor <ul style="list-style-type: none"> Teaching Math & English skills ranging from elementary to high-school levels | <i>January 2020 - Present Nov. 2019 - Present Sept. 2018 - Present June 2018 - Aug. 2020 (Resigned)</i> |
| Leadership Experience | MCST Robotics Club President — Denville, New Jersey Led the students & advisors towards a competition and personnel transition <ul style="list-style-type: none"> Bringing advanced mechanical & developmental skills to the table Researching and setting up the club's 3D printer & development/engineering hardware Led a complex transition from a local competition to an international competition (Passaic County College Tournament → First Robotics Competition) FTC Robotics 11253 Lead Programmer — Roxbury, New Jersey Led & founded the team's programming & development sub-team <ul style="list-style-type: none"> Developing the robot's logic & autonomous code Using advanced logic & sensor inputs to automate our robot TaeKwonDo Leadership Instructor — Roxbury, New Jersey <ul style="list-style-type: none"> Second Degree Black Belt actively advancing to Third Degree Mentor & Instructor to children ages 3+ | <i>Jan. 2020 - Present (Yearly Jan. - May) Sept. 2016 - Present (Yearly Sept. - April) June 2016 - Present</i> |
| Development Experience | Argon2Swift Created a simple, seamless, open-source and expandable port of Argon2 for Swift <ul style="list-style-type: none"> Worked with advanced Swift concepts to bridge and interoperate C libraries/code Managed Distribution and CI/CD channels for CocoaPods, Swift Package Manager, and Unit Testing dargon2 Developed intuitive, simple, and open-source Argon2 password hashing bindings for Dart programmers <ul style="list-style-type: none"> Utilized advanced dart programming concepts to interoperate with C libraries Heavily popular in comparison to other like packages on Dart's pub.dev blinkOS A custom-made Android-based operating system built for privacy and security <ul style="list-style-type: none"> Boasts novel features to enhance data & network security Seamless VPN integration & data security FTC Scouting & Scoring Developed and published a complex, real-time, cloud-based application <ul style="list-style-type: none"> Built a custom, novel application from the ground up Made for the assistance in a FTC robotics competition Published on both the iOS App Store and Android Google Play Store Available & reached globally with over 1000 users (500+ from each store) | <i>Feb. 2021 Jan. 2020 April 2019 Jan 2018</i> |
| Skills | Application Development <ul style="list-style-type: none"> Languages: Dart, Swift, Java, Objective-C, Kotlin, Typescript, Javascript Frameworks: Flutter, iOS (UIKit), Android, macOS (AppKit), Node.js Operating Systems Development <ul style="list-style-type: none"> Building, testing, and modifying, and forking custom code on top of the Android Open Source Project Worked with both low-level kernel code and high-level User Interface code. Miscellaneous Development Intermediate experience with Java, Rust and C/C++ Languages Native English speaker and Fluent in Gujarati | |
| Awards and Certifications | Google Code-In Open Source Contributor Presidential Volunteer Service Award Certified Java/Android Level 2 (Advanced Knowledge) Developer Certified Java/Android Level 1 (Basic Knowledge) Developer | <i>January 2020 October 2018 January 2018 January 2017</i> |