Tejas Mehta

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Objective	Utilize my existing knowledge with cutting-edge software to build seamless software with zero loss of security or privacy while constantly keeping up-to-date with the newest technology.	
Education	**Morris County School of Technology —** Denville, New Jersey	*Sept. 2018 - Present*
	**Academy for Computer and Information Sciences	GPA 4.84	High Honor Roll Student**	*(Graduating 2022)*
Major Achievements	**2nd place** at pitchNJ (a local pitch event at Fairleigh-Dickinson University) • Pitched our novel privacy based Operating System, blinkOS, resulting in a $500 reward	*February 2020*
	International Teen Startup Incubator (YoungLeaders Build) — Montreal, Canada • Built a custom, complex, and secure AOSP-based operating system • 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	*July 2019 - Aug. 2019*
	1st place at hackMCST (hackathon at Morris County School of Technology) • Built an application to anonymize & encrypt SMS and MMS	*October 2019*
	1st place at makeSPP (hackathon at Saint Peters Prep High School) • Built the first iteration of an Android-based operating system built to strengthen user security and privacy	*April 2019*
Work Experience	**Founding Partner @ Clip Apps LLC —** Succasunna, New Jersey Founded, financed, and managed my own LLC. • Handled logistics, financials, and communications for the company • Created with my mother (as I'm a minor), and acts as the publishing body for cClip	*August 2021 - Present*
	Freelance Application Developer — Online Working online for clients with Industry-Level Development standards • Collaborating with clients to plan out designs in accordance with modern UI guidelines • Delivering clean and intuitive mobile applications while working in a set timeframe	*January 2020 - Present*
	Software Developer @ IonWeather — Denville, New Jersey Applications & Systems development • Expanded the main system, written in Java, decreasing error occurrence by nearly 50% • Built & published a modern mobile application for their services	*Nov. 2019 - Present*
Leadership Experience	**MCST Robotics Club President —** Denville, New Jersey Led the students & advisors towards a competition and personnel transition • Led a complex transition from a local competition to an international competition (Passaic County College Tournament → First Robotics Competition) • Led the team through brainstorming, constructing, programming, wiring, and testing an advanced robot	*Jan. 2020 - Present* *(Yearly Jan. - May)*
	FTC Robotics 11253 Lead Programmer — Roxbury, New Jersey Led & founded the team's programming & development sub-team • Developing the robot's logic & autonomous code • Using advanced logic & sensor inputs to automate our robot	*Sept. 2016 - Present* *(Yearly Sept. - April)*
	Tae Kwon Do Leadership Instructor — Roxbury, New Jersey • Second Degree Black Belt • Mentor & Instructor to children ages 3+	*June 2016 - Present*
Development Experience	**cClip (https://cclip.app):** A cross-platform, end-to-end encrypted, real-time text, file, and image transfer utility made as a solo venture • Contains three applications: Mobile (Flutter), Desktop (Web/Electron-based), and macOS (Swift native) • Features a custom serverless API utilizing Cloudflare Workers & KV to handle User Access Control • Made custom integrations for RevenueCat, Stripe, Firebase Auth/Database, and Backblaze B2	*August 2021*
	Argon2Swift Created a simple, seamless, open-source and expandable port of Argon2 for Swift • Worked with advanced Swift concepts to bridge and interoperate C libraries & code • Managed and Unit Testing, Distribution and CI/CD channels for CocoaPods and Swift Package Manager	*Feb. 2021*
	dargon2 Developed intuitive, simple, and open-source Argon2 password hashing bindings for Dart programmers • Utilized advanced dart programming concepts to interoperate with C libraries efficiently • Ranked among the most popular packages in it's category on Dart's pub.dev webpage	*Jan. 2020*
	FTC Scouting & Scoring Developed and published a real-time, cloud-based application to assist First Tech Challenge teams • Built from the ground up using Flutter and Firebase • Features collaborative data logging & aggregation with mathematical assistance for best team pairings • Available & reached globally with over 1000 users (500+/store)	*April 2019*
Skills	**Application Development** • Languages: Dart, Swift, Java, Objective-C, Kotlin, Typescript, Javascript • Frameworks: Flutter, iOS (UIKit), Android, macOS (AppKit), Node.js • Technologies: Backblaze B2, Cloudflare (Pages, Workers, KV), Firebase (Auth, Database, Messaging) **Operating Systems Development** • Building, testing, 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 Rust, C/C++, HTML and CSS **Languages** Native English speaker and Fluent in Gujarati	
Awards and Certifications	**WWDC21** Swift Student Challenge Winner	*June 2021*
	Google Code-In Open Source Contributor	*January 2020*
	Presidential Volunteer Service Award	*October 2019 & 2020*
	Certified Java/Android Level 2 (Advanced Knowledge) Developer	*January 2018*