Hu Tong

(+852) 56462070,(+86) 13509636048
hutong531@gmail.com
Full Stack Web Developer
https://github.com/windht
https://www.linkedin.com/in/tonyhutong

EDUCATION	
2011.09-2014.12	**The Chinese University of Hong Kong**
	Bachelor Degree, Psychology/Computer Science
FULL TIME EXPERIENCE	
2015.04-2018.06	**9D Technology Limited**
	Full Stack Developer
	Build up the front-end website page with angular and material under SSL. See s-class.hk. And see https://www.9dcloud.hk/conference
	Build up the mobile version using ionic, integrated push-notification. Shifted with apple enterprise distribution and self-distributed the android apk.
	Build up the desktop version using node-webkit, integrated with lib RS232 and decryption algorithm read and write buffer to S-Panel hardware.
	Self-developed webrtc library with socket.io that enabled video chat across all-platform and self-developed image,audio,text chat lib implementing unread,late-push functions
	Build up the 9dlive platform. Backed with nginx-rtmp shipping streams in m3u8, fronted with videojs-hls to play the stream in html5 video blob api instead of any flash components.
	Implement the chat-fly and gift-sending system with socket.io channel api.
2018.06 - 2018.09	**Millionaires - The Dating App**
	Full Stack Part-time Developer (Remote)
	Developed Millionaires - A React Native Dating app backed by Apollo.
	Optimized the queries of geolocation and serves over 10K users.
2018.09 - 2018.11	**Google Project Sunroof**
	Full Stack Part-time Developer (Remote)
	Developed and maintained Tepco Project Sunroof for Google in Japan Area with stack Angular and Firebase
	Optimzied and implement the complex calculation of incentive and power ladder. Implement the AI prediction of electric usage.
2018.11 - 2019.02	**Encounter AI**
	Full Stack Full time Developer (Remote)
	Developed the react webapp of the alexa like food ordering over the voice with AWS Nlp and Google cloud text to speech
	Implement face stateless login with AWS rekognition. Use face to track and place orders.
2019.02 - 2019.04	**Enables**
	Full Stack Full time Developer (Remote)
	Developed the restaurant information react native app on top of Expo. Implemented complicate map view.
	Built the serverless api with Lambda supporting the frontend.
2019.04 - 2019.06	**Musterpoint**
	Full Stack Full time Developer (Remote)
	Developed the webapp with Ionic 4 delivering a social automation platform that detects news with keywords and automate posting process.
	Implement the backend with firebase functions.
2019.07 - 2021.06	**Opoline Inc.**

	Full Stack Full time Developer (Remote)
	Lead the team for maintaining and developing the infrastructure and webapp/mobile app interface for OpoWallet.
2021.09 - 2024.03	**Code11**
	Full Stack Full time Developer (Remote)
	Engage in the full stack development for the handelsbanken.com banking process application.
	Working with team to deliver multiple complicate process for verified.eu checkout flows/onboarding flows
2024.04 - 2024.08	**Garter Inc**
	Full Stack Full time Developer (Remote)
	Build on innovation tools in frontend and backend
	Manage and maintain the common UI component repo in the team
	Implement realtime infra with lambda websocket
2024.09 - 2025.12	**Speechify Inc**
	Full Stack Team Lead (Remote)
	Build on innovation AI voice tool/Voice mode in chrome extension.
	Finetuning parakeet tdt v3 speech to text model and applied in the transcription service.
Stacks/Frameworks	React, Angular, Vue 3, TailwindCSS, Nextjs, Apollo Graphql, Redux, WebRTC, Electron, Tensorflow, Puppeteer, WebRTC, FFMPEG, GraphQL, Transformer, Nodejs.
Infrastructure	AWS Cloud (EC2, Lamda, Cloudfront, Step Functions, CDK), Azure (Speech Service), Cloudflare
Database	MongoDB,PostgreSQL,MySql, Redis, Prisma (Adaptor)