San Diego, CA 92117

PAVEL HOLYAVKIN

Check my portfolio & testimonials at Holyavkin.com

LANGUAGES AND TECHNOLOGIES

Swift 5.4 • iOS • WatchOS • UIKit • SwiftUI 2.0 • iOS 14 Widget • Interface Builder • Storyboard • Core Location • Foundation • Core Data • Combine • Core Animation • WebKit • URLSession • CoreML • ARKit • SceneKit • SpriteKit • Vision • CocoaPods • SPM • TensorFlow • Firebase • Crashlytics • Alamofire • SwiftyJ-SON • KeychainSwift • SwiftFormat • Deep Learning • Image Classification • Object Detection • Semantic Segmentation • NLP • NLU • REST • API • Node.JS • JavaScript • GraphQL • Realm • MongoDB • SQL • SQLite • MySQL • NoSQL • JSON • XCode • Visual Studio Code • Postman • Octave • Bash • Ubuntu • AWS S3 • Microsoft Azure • Facebook • Instagram • Twitter • Airtable • Trello • BaseCamp • Redmine • Slack • Sketch • Illustrator • Figma • Photoshop • LLDB • Git

EXPERIENCE

<u>HairBrain</u>	iOS + Backend	Business	Feb 2021 – Now		
Taking over the whole project for ing/updating Node.JS backend.	fixing issues and adding r	new features. Debugging so	meone else code. Fix-		
****** (NDA)	iOS SwiftUI	Lifestyle	Feb 2021 – Now		
App uses a camera to OCR text and adds entries into the local SQL encrypted database using GRDB and SQL- Cipher. Connected to RESTful API. Integrating in-app purchases (IAP), push notifications, Discourse forums.					
SeeSkills	iOS	E-Commerce	Dec 2020 – Now		
Customized branded online shop app which integrates with Shopify API. Push notifications, In-app purchases.					
****** (NDA)	iOS SwiftUI	Social Networking	Nov 2020 – Jan 2021		
Connected iOS SwiftUI frontend to GraphQL backend. Heavily used Combine framework.					
Mana	iOS, WatchOS SwiftUI	Productivity	Oct 2020 – Feb 2021		
Mana is a productivity app that tracks sexual activity, calculates the statistics, and shows the charts on an iOS app, iOS Home Screen Widget, & WatchOS complications. The biggest challenge was to synchronize iOS and watchOS apps between each other without using CloudKit due to user data's sensitive nature. It turned out there is a bug in Apple's WatchConnectivity fileTransfer method. Therefore I had to implement a workaround by pack/unpack a database and send it as a dictionary.					
SixBySeven	iOS	Lifestyle	Oct 2020 – Nov 2020		
It's a concierge app for high-end clients. The biggest challenge was to implement a highly customized design. The whole backend has been developed on Firebase. The file storage has been realized on Firestore. On the iOS side, database is done by Realm.					
Hack 3	iOS	Game	Sep 2020 – Now		
A Match 3 like multiplayer game client's budget.	written on Swift with Scen	eKit, GameKit. Working by	batches due to the		

Warehouse	iOS	Business	Aug 2020 – Sep 2020			
Added a feature of manual syncing feature to the current app. Refactored 1000+ line files. I have created networking layer by using Apple's build-in URLSession.						
Run On Pace	iOS SwiftUI	Health & Fitness	Jul 2020 – Aug 2020			
Run on Pace is a metronome app for runners. The app was written from Figma prototype in Swift using Swif- tUI, Combine, and AVFoundation frameworks. The main challenge was to make the timer working with a high precise level (0.29 sec) in the background. For that, I used DispatchSourceTimer in Grand Central Dispatch (GCD). Also, it has nice transition animations.						
Precision Match Timer	Independent WatchOS	Utilities	Jun 2020 – Jul 2020			
It's a highly customizable watch timer to use for shooting rifle matches. The main challenge was to make WatchKit keep a watch screen on during the countdown timer goes down, even if a user lowers their wrist.						
Fruit Hunter	iOS	AI	Feb 2020 – May 2020			
Fruit Hunter helps to identify the ripest fruit from a batch. Trained a model via CreateML, used object detec- tion method, and image segmentation.						
FlowerID	iOS	AI	Dec 2019 – Feb 2020			
FlowerID identifies a flower by	a picture. iOS app. Used CoreN	AL, image classification.				
AvatarGO	iOS	AR	Oct 2019 – Dec 2019			
Replica of PokemonGO game. L	Jsed ARKit and SceneKit.					
PetID	iOS	AI	Aug 2019 – Sep 2019			
PetID identifies a pet by a pictu	re. Trained a model via Create	ML, used the object dete	ection method.			
Magic Paper	iOS	AR	Apr 2019 – May 2019			
Replica of magic paper from Ha	ippy Potter movie. ARKit.					
Clima	iOS	Weather	Jan 2019 – Mar 2019			
A beautiful, dark-mode enabled weather app. Clima allows checking the weather for the current location based on the iPhone's GPS data and searching for a city manually.						
Xylophone	iOS	Music	Nov 2018 – Dec 2018			
A colorful XyloPhone app. Playing sound using AVFoundation and AVAudioPlayer.						
TwitterMenti	iOS	AI	Aug 2018 – Oct 2018			
TwitterMenti analyzes what people feel on a selected topic (@username, or #hashtag). Used sentimental analysis and Swifter pod.						
iOS Engineer at App Incubat	or JJJ		Jul 2013 – Now			
 Designing UX, developing, and publishing iOS and Watch OS apps: Built 35 UIKit and 9 SwiftUI apps from scratches or mockups Integrating and connecting with a back-end via RESTful APIs Conducting code reviews, providing feedback and suggestions when appropriate Architecting apps with SOLID principles Interviewing potential candidates and providing feedback to management Adopting best practices and paradigms, e.x. protocol-oriented programming, functional programming 						

	Tala awaya Chathata Daalaand	Education	Fab 2010 Ame 2010			
Geometry Quiz	Telegram Chatbot + Backend	Education	Feb 2018 – Apr 2018			
Developed quiz chatbot Telegram chatbot with logic and database stored at Node.JS backend.						
Al Chatbots Maker	Facebook Chatbot	Sales	Dec 2017 – Jan 2018			
Lead generation chatbot with auto-segmentation, sales funnels, in-bot payments via Stripe.						
Pavel Holyavkin bot	Facebook Chatbot	Sales	Jan 2017 – Mar 2017			
Resume chatbot with in-bot quizzing, scheduling, FAQ. Built at Chatfuel.						
One Minute Coach	Facebook Chatbot	Productivity	Sep 2015 – Jan 2017			
Business coach AI for setting & tracking goals in Facebook Messenger. Used Natural Language Processing (NLP).						
Developer at AI Chatbots	t t t		Aug 2015 – Apr 2018			
Designed and developed 9 Facebook chatbots for high-conversion sales funnels.						
Full-Stack Engineer			Oct 2013 – Jul 2014			
Built 2 SEO-friendly websites and 7 landing pages by using HTML, CSS, and Javascript.						
Sleep Cycle Alarm Clock	BlackBerry	Productivity	Oct 2012 – Oct 2013			
The first smart alarm for BlackBerry 10 was written on Javascript and QT.						
EasyWakeup	iOS	Productivity	Sep 2008 – Sep 2012			
EasyWakeup is the first sleep cycle alarm clock for mobile. Followed the full mobile development life cycle: from designing MVP to maintaining published iOS apps. As well as used paired programming, reviewing a code (Objective C, C++). Delivered updates every 4 weeks by adopting Agile (Scrum) principles.						
EDUCATION						
Udemy	App Brewery		2020			
・iOS 13 & Swift 5 - The Cor	nplete iOS App Development Bootc	amp				
Coursera	Stanford University		2020			
• Machine Learning Course						
Chatforma			2018			
 "How to Build Sales Funnels Via Messengers" Workshop 						
Vladivostok, Russia	Far Eastern National U	niversity	2003 – 2008			

• B.S.E. in Microelectronics and Semiconductor Devices at Institute of Physics and Information Technologies

PERSONAL QUALITIES

Fast learner; reliable; self-starter (work remotely since 2008); well-organized; responsible; detail-oriented; hardworking; inquisitive

ADDITIONAL EXPERIENCE AND AWARDS

- Growth App Hacker (2010): Got featured by Men's Health Magazine as "the best morning app for iOS".
- **Top Grossing Apple App Store Achiever (2009)**: #1 in 5 countries, #20 Top Grossing in 38 countries. The average Apple App Store rate is 4.5-star for our premium app (\$9.99)
- UX Designer (2013): Designed and built by all guidelines unlocked a special badge "Built for BlackBerry"
- Instructor (2012 2013): Created and taught an online course: "Building mobile apps"
- NLP-DHE Master Practitioner (2009 2010): Graduated with a model "Speak English as a native speaker"