DENIS STEPANOV

Dedicated Android & iOS Developer

@ denisstepanov@bk.ru ☎ +86-130-95988795 ⚲ Ningbo, Zhejiang, China
⚲ dentep.github.io/ ⚲ https://github.com/dentep
in https://www.linkedin.com/in/denis-stepanov/

EDUCATION

University of Nottingham (UNNC)
BCs Computer Science
📅 August 2017 – June 2020   ⚲ Ningbo, China

Humber College
Computer Engineering Technology Diploma
📅 August 2014 – May 2017   ⚲ Toronto, Canada

North Judson San Pierre High School
Excahnge Programme School
📅 August 2013 – May 2014   ⚲ North Judson, USA

SKILLS

Java/Kotlin, iOS (Swift), Flutter, C/C++ ●●●●●
vCloud, Git, DMBS (Firebase, LiveData) ●●●●○
JavaScript, PHP, HTML, CSS, XML, Python ●●●○○

EXPERIENCES

Virtual Environment (VE) Designer
University of Nottingham Ningbo China
📅 June 2019 – Nov 2019   ⚲ Ningbo, China

CERTIFICATIONS

Tennis Canada Certification
Tennis Instructor I
📅 January 2015   ⚲ Toronto, Canada

First Aid and CPR Certificate
📅 February 2016   ⚲ Toronto, Canada

INTERESTS

Virtual Reality (VR)   Java/Kotlin   Metamorphic Testing

Android Development   Open Educational Resources (OER)

ACHIEVEMENTS

- Winner of FLEX Exchange Program
- Participant of Model United Nations
- Best UNNC dissertation of the year 2020

PUBLICATIONS

- Creating a 4D photoreal VR environment to teach civil engineering. *In IEEE International Conference on Teaching, Assessment, and Learning for Engineering (TALE 2019)*, pages 1006–1013, 2019.
- A Virtual Reality OER Platform to Deliver Phobia-motivated Experiences, accepted to appear in the Proceedings of the 44th IEEE Annual Computer Software and Applications Conference, COMPSAC 2020.

PROJECTS

VR Civil Engineering Tour
- Virtual Reality tour around a library construction site at UNNC for civil engineering students. It provides the information about the site, timestamps and various locations around the building.

Software Controlled Drone
- Arduino and Android collaboration project focused on controlling a Unmanned Aerial Vehicle (UAV) module through a mobile application. The system works based on Bluetooth communication between an Android application and a UAV controller.

Boulder Climbing System
- Android application group project focused on bouldering sport at UNNC. The project was a requirement for fulfilment of BSc Computer Science degree at UNNC.

VR Wearable Technology System
- A year long project focused on the development of VR platform combined with wearable technology to monitor health data and deliver phobia-motivated experiences.

Android UTracker Application
- Android-based project working as a workout manager for the user. Includes background services, local storage management, responsive design and gamification features.