Sabina - Ioana Leițoiu

Android Developer & MSc Biomedical Engineer

Experience

Field Service Engineer @ GE Healthcare
Feb 2016 - present

Was lead engineer on large NHS installation projects
Had technical ownership and management of numerous accounts
Planned and organized preventive and corrective maintenance visits
Managed cutting edge and fully networked monitoring systems
Pursued opportunities to expand after-sales support business

Business Analyst Intern @ Safe Patient Systems
Jan - May 2015

Created UI designs for the Safe Mobile Care application
Conducted risk assessment and testing for a telehealth product
Was involved in research for a wireless patient monitoring patch
Performed a user trial study for a new wireless blood pressure meter
as part of a pilot project within Heartlands Hospital

Education

Android Developer Nanodegree @ Udacity w/ Google Scholarship
Android Basics Nanodegree @ Udacity w/ Google Scholarship
Jan 2017 - Jan 2019

Deepened my knowledge on the tools, principles and patterns that
underline Android development, such as:
• Lifecycle of activities, receivers, content providers, services
• Data storing using SQLite Databases
• Multi-threaded / background processes
• Widgets, fragments
• Libraries
• Media playback
• Unit testing

MSc in Clinical Bioengineering @ University of Medicine and Pharmacy
Oct 2013 - Jul 2015

Conducted my thesis on a cost effective telehealth system that connects
chronic patients to health care providers through a cloud platform
Designed TCP/IP Client applications aimed for use in private clinics
Developed applications in MATLAB for the analysis of EEG signals

BSc in Biomedical Engineering @ University of Medicine and Pharmacy
Oct 2009 - Jul 2013

Designed an infrared device for acquiring the pulse waveform using
microcontroller technology as part of my final project
Designed and tested diagnostic and therapeutic devices

Certificates / Diplomas

• Android Developer Nanodegree Certificate
• Android Basics Nanodegree Certificate
• Master of Science in Clinical Bioengineering
• Bachelor of Science in Biomedical Engineering

Contact

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Applications

• Blends / Cafe App
• Cinematik / Movie App
• Baking App
• Rare Beats / Music App
• Best Reads / Book List App
• Volley / Score Keeper App
• Tour Guide App
• Quiz App

Skills

Computer languages
• Java
• XML
• SQLite
• JSON
• HTML
• CSS

Software / Tools
• Android Studio
• Github
• Slack
• Firebase
• Adobe Photoshop
• Adobe XD
• Adove Illustrator
• Adobe InDesign
• Adobe Lightroom

Medical devices
• Aisys/Aisys CS^2
• Carestation B650
• Carescape ONE
• Carescape B450/650/850
• Aestiva 7900/7100/MRI
• Aespire 7900/7100/View
• S/5 Anesthesia Monitors
• Unity Network IDs