Samat Imamov

samat@vt.edu | 804-572-8701 | samat-imamov.github.io

Objective

Software Engineer in AR/VR development, UI/UX Design, Video Game development

Education

Virginia Tech, College of Engineering, Blacksburg, VA Graduation : May 2020

Bachelor of Science in Computer Science (Media/Creative track)
Minor in Music Technology

J. Sargeant Reynolds Community College, Richmond, VA Graduation : May 2017

Associate of Science in Computer Science
Earned 100% of college expenses through an award and a part-time job

Selected Coursework: Software Design, Data Structures & Algorithms, Computer Systems, Human-Computer Interaction, GUI Programming/Graphics, Modern C++

Skills

Languages: Java, C#, C/C++, XAML, HTML, CSS, JavaScript (jQuery)

Technology: Linux, Git, Unity3D, NoesisGUI, Microsoft HoloLens, HTC Vive, Unreal Engine 4

Russian: Fluent in writing, speaking, and reading

Projects

AR Developer **|** Consultant · *Apollo Enterprise Imaging* January 2020 – Present

An innovation project aimed to improve the workflow of medical staff through use of AR

- Develop a working demo of AR interface using Lenovo ThinkReality A6 headset
- Adapt the company's network client libraries to be compatible with the headset
- Report and fix bugs found in SDK for Lenovo ThinkReality AR platform

AR/VR Developer **|** Researcher · *Glanceable AR, Virginia Tech* May – December 2019

Google sponsored research aimed to find new ways to integrate AR into everyday life

- Write protocols and scripts for 2 experiments related to research
- Develop 2 experiments for VR (HTC Vive) and AR (HoloLens) using Unity3D
- Lead a research paper as the first author that discusses the findings from the first experiment for submission to IEEE VR 2020 conference

Project Lead **|** Lead Programmer · *Hokienauts* September 2018 – April 2020

A student team participating in NASA SUITS design challenge (*hokienauts.com*)

- Lead a student team of 15 people to design AR interface for future spacesuits
- Develop a fully working prototype of the interface using HoloLens and Unity3D
- Test the interface prototype at Johnson Space Center through series of tasks

Activities

Teacher Assistant · *Computer Systems class, Virginia Tech* August 2019 – May 2020

Programming Committee **|** Publicity Chair · *class Code()* September 2017 – May 2020

Awards

Virginia Tech Dean's List (Spring 2019 term)
Dimitri and Maggie Georgiadis Endowed Scholarship Award
J. Sargeant Reynolds Dean's List (multiple terms)