Samat Imamov

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

Objective

Software Engineer in AR/VR development, Human-Computer Interaction, UI/UX Design

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 work

Selected Coursework: Software Design, Data Structures & Algorithms, Computer Systems, Human-Computer Interaction, Comparative Languages, 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/VR Developer · *Glanceable AR, Virginia Tech* May 2019 – Present

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

- Conduct an extensive research on such topics as psychology of human vision, attention, and interface design with total of 34 research papers read
- Write protocols and scripts for 2 experiments related to research
- Develop 2 experiments for VR (HTC Vive) and AR (HoloLens) using Unity3D

Project Lead · *Minder App* January – May 2019

A class project app aimed to assist people with mental struggles (minder-app.github.io)

- Led a team of 4 people in designing an app through ideation and analysis
- Conducted research to determine the core audience and its needs
- Developed an effective T-prototype using Unity3D and NoesisGUI

Project Lead/Lead Programmer · *Hokienauts* September 2018 – Present

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

- Lead a student team of 14 people to design AR interface for 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 - Present

Programming Committee/Publicity Chair · *class Code()* September 2017 - Present

Awards

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