Muhammad Sohaib Ashraf

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Portfolio: suhaibashraf.github.io/Portfolio

EXPERIENCE

Robotics Developer – Oneberry   12/19 – Now
Developing industrial level autonomous mobile robots and working on AI features using images from the camera.

Web Developer – Epullon   02/17 – 12/17
Managed to complete multiple web-based business applications that went into production. Led a team of software developers.

Projects

Evolutionary Flocking Shooter   04/03/19 - 19/04/19
Recently, I have upgraded a game with Genetic algorithm in my Master's project. Which enabled bots to learn how to locate the target, avoid danger and exterminate it. I used Unity3d Engine, Genetic Algorithm and C#. I got 92% marks in this module
Demo Link: www.youtube.com/watch?v=A9k6WB0Y548

SuperNim   17/03/16 – 22/03/17

An advanced form of Nim game with the heaps of sticks and some complex functions, built in python and powered with AI. This enabled AI to win a game against human player.
Link: suhaibashraf.github.io/Portfolio/SuperNim

Snake and Cake   14/11/16 – 30/11/16
Built in C++ and OpenGL with the team of three developers. Inspired by Nokia game "Snakes Xenzia".
Link: suhaibashraf.github.io/Portfolio/SnakeAndCake

EDUCATION

MSc Artificial Intelligence & Robotics   01/18 – 05/19
University of Hertfordshire (Distinction)

BS Software Engineering   02/13 – 05/17
University of Management and Technology

PROFILE

Unity certified developer, working as a software engineer (Robotics) at Oneberry Technologies, Singapore. Graduate in MSc AI and Robotics (distinction) with a degree in Software Engineering. Ambitious to seek a career in Game development as it's my passion since a young age and endorsed by others. I am experienced in developing artificially intelligent games using C#, C++, OpenGL, Genetic Algorithm and Unity3d Engine.

SKILLS

Coding

- Machine Learning
- Game Development
- Robot Development
- Data Analysis
- Artificial Intelligence
- ROS
- Web Development
- C#
- OpenCV
- C/C++
- Java
- MATLAB
- Unity3d
- Python

Other

- Teamwork
- Problem Solving
- Meeting Deadlines
- Creative Thinking

INTERESTS

- Badminton
- Travelling
- Learning about the latest research and technologies