

Alexander Jones

Artificial Intelligence Engineer

Innovative Artificial Intelligence Engineer with **12+ years of experience** in application design, development, testing, and deployment. Highly experienced in writing codes and algorithms as well as building complex neural networks through various programming languages. Possess an unbridled passion for Artificial Intelligence with comprehensive knowledge of machine learning concepts and other related technologies. Unmatched abilities to identify, understand, and translate program requirements into sustainable, advanced technical solutions through **C#, C++, JavaScript, Python**, and other programs for continuous improvement of AI technologies.

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WORK EXPERIENCE

Artificial Intelligence Engineer

The Arts of Artificial Game Tech Solutions

05/2017 - Present

Springfield, MA

- Design and execute well-engineered, easy-to-maintain, reliable, and bug-free code for various company applications in collaboration with other AI engineers, data scientists, programmers, and software personnel
- Continuously improve gameplay with iOS and Android gaming applications by working with the existing code base and enhancing its different phases, including AI strategies, rules, and player-world interactions
- Coordinate all technical and developmental issues/risks identified during the process to the team of 10+ AI engineers to formulate and initiate appropriate course of actions to ensure the timely completion of the version upgrade
- Design, test, and deploy new artificial intelligence functionalities for 8 major projects of the company worth \$5M in total
- Author sophisticated and optimized codes for different games to boost the reusability of standard modules

Artificial Intelligence Programmer

CompuBrain Smart Innovations, Inc.

03/2010 - 06/2017

Cambridge, MA

- Utilized Google Maps to design codes for pathfinding, cooperation, and group movements for various gaming applications
- Collaborated with the software team to execute effective strategies to attract a large number of clients, increase engagement, and expand the current customer base through artificial intelligence and big data analysis
- Contributed innovative ideas to improve the technology in IoT security, resulting in a 28% increase in business revenue in the second quarter
- Worked alongside a team of AI personnel to develop, test, and deploy software that effectively detects threats, through artificial intelligence and machine learning principles to secure various IoT applications

Artificial Intelligence Intern

AI Active Reality Machines Corp.

05/2009 - 04/2010

Lowell, MA

AREAS OF EXPERTISE

AI Engineering

Software Prototyping

Decision Analytics

Scrum & Agile Methodologies

Data Science & Statistics

Quantitative Analysis

Predictive Modelling

Team Leadership

TECHNICAL SKILLS

C++

C#

JavaScript

Java

R

Python

SQL

VB

LISP

Perl

GitHub

CERTIFICATES

Professional Certificate Program in Machine Learning and Artificial Intelligence (2011)

MIT Professional Education

Introduction to Artificial Intelligence (2009)

by IBM

Machine Learning, Data Science, and Deep Learning with Python (2009)

MIT Professional Education

PERSONAL PROJECT

Galaxy Combat Mobile Game Application (2015)

- Leveraged coding and programming languages expertise, along with industry best practices to develop and deploy this mobile game application for Android with excellent graphics and user-friendly features

EDUCATION

University of Massachusetts Lowell

Bachelor of Science in Computer Engineering

08/2006 - 06/2009