Kareem Elewa

kareem.elew@gmail.com | LinkedIn | Website | GitHub | Cairo, Egypt

SKILLS & PERSONAL

Programming: Java, JavaScript/TypeScript, Python, C#, C++, Lua, PHP, SQL
Other: Git, ReactJS, NodeJS, Angular, Express, HTML, CSS/Bootstrap, Scikit-learn, Photoshop, After Effects
Leadership: Lead Game Developer, Class President, Basketball Team Captain, Code Club Teacher
Interests: Basketball, Graphic Design, Public Speaking, Hiking, Cooking

EDUCATION

Salahaldin International School – Cairo, Egypt Sep 2015 – May 2023
GPA: 4.00/4.00 | ACT: 33/36

- Relevant Classes: Advanced Biology II, Advanced Chemistry II, Advanced Math II, Advanced Physics II, Economics, ICT, Literacy
- Involvements: Class President, Model United Nations, Code Club, Senior Basketball Team

Rice University – Online Courses Sep 2022 – Oct 2022
Fundamentals of Computing Specialization

- Relevant Courses: Principles of Computing I, Principles of Computing II, Algorithmic Thinking I, Algorithmic Thinking II

EXPERIENCE

Indie Game Lead Developer – Roblox Apr 2021 – Present
2BRO STUDIOS: A game studio created by my brother and me

- Led a team of modelers, animators, and designers
- $10,000 of profit generated in 2 weeks
- Played over 2+ million times; peaked at 700,000 monthly active users
- Created and managed a community of over 20,000+ members
- Implemented efficient programming patterns, data structures, algorithms, and security practices
- Developed all the code through Lua

Command Line REST API – GitHub Sep 2022 – Oct 2022

- Built a REST API to store command line code snippets with their descriptions
- Used repository & dependency injection design patterns to encapsulate data access
- Developed through TypeScript, NodeJS, Express, MongoDB, RESTful APIs

Machine Learning Stock Forecaster – GitHub Aug 2022 – Sep 2022

- Processed and trained a model with the Adam Optimization algorithm
- Utilized LSTM Neural Networks to predict closing prices of stocks
- Developed through Python