Ryan James

Columbus, OH | ryan.james.coder@icloud.com

Summary

Software Developer with over 15 years of experience working with computers, 12 years of programming experience, intrinsically motivated and successfully developed a mobile puzzle game.

Projects

Arrow-Shift
- Mobile game developed for iOS and Android
- Developed algorithm for generating over 30,000 unique levels
- Level generator and solver written in C#, game made with Godot using python-like language

Shisha-Saver
- Web app for finding, saving and rating new shisha flavors
- AWS lambda python API using data generated from python website scraper
- Users and data hosted on Google cloud VM instance in MongoDB

Skills

- **Software / Frameworks:** Eclipse, Visual Studio, Godot, Git, NodeJS, Express, BeautifulSoup4
- **Languages:** Javascript, C#, Java, Python, C++, Visual Basic, Basic
- **OS:** Windows 7/10, OSX, Linux Mint/Ubuntu server/Arch
- **Database:** MySQL, MongoDB
- **Other:** AWS, Google cloud, GitLab, GitLab runner (CI/CD) pipeline into AWS, HTML/CSS

Education/Certifications

Computer Information Science
- Franklin University - Columbus, OH
  - Associate's Degree in Computer Science [01/2018]

Certification
- System Administration and IT Infrastructure Services (Google)

Work Experience

Program Coordinator [09/2018 - 07/2021]
Columbus State Community College - Columbus, OH
- Coordinate, administer and manage day-to-day operations and activities for the student laptop initiative, assess program operational needs and resources, develop program processes and policies, collaborate with system administrators

Tutor [2015 - 2016]
Ohio State University - Columbus, OH
- Tutor various students on programming concepts in Java, instructed students in lab on analysis and comprehension of various problem solving techniques