

Jake Rose

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PROFILE

Self-motivated computer games design and programming graduate with industry experience in quality assurance and software development.

Proficient in C#, with experience developing unit tests and a Test Automation library to streamline and automate testing. Skilled in end-to-end testing, SCRUM methodologies and utilising tools such as the Atlassian suite.

SKILLS

Collaboration and Version Control

Jira, Confluence, TestRail, GitHub, GitKraken, BitBucket, Slack, Teams

Programming & Scripting Languages

C#, HTML, CSS, JavaScript, React.js, Node.js, Blueprint

Game Development Software

Unity, Unreal Engine, Blender, VS Code, Photoshop, Premiere

PROFESSIONAL EXPERIENCE

QA Tester, West Pier Studio, Brighton

Apr 2024 – Present

- Collaborated with the Unity team for the Deck, Pergola & Fence Planner projects
- Proficient in testing on WebGL, Unity, iOS & AR
- Developed Unit Tests in C# to improve build coverage for static classes & math libraries
- Developed a Test Automation library using NUnit and Selenium to validate main app pages, links, and user account flows
- Utilised Git for source control and branch management, pushing code and participating in code reviews
- Creation of test plans & cases on TestRail with continuous improvement of existing cases & QA processes
- Identifying, reporting, and conducting regressions for bugs within Jira
- API testing utilising network tab for WebGL projects & Postman
- Participating in SCRUM meetings & bug triage to effectively communicate progress in an agile environment

Service Administrator, IPG Photonics, Coventry

Sep 2023 – Mar 2024

- Responding to service questions, and telephone enquiries and working alongside international partners
- Maintaining records for returns inventory, scheduling changes, managing stock levels and resolving issues
- Liaising with customers to diagnose equipment failures and submitting reports to engineers
- Organising engineer visits to clients and managing relevant planners
- Processing of service quotes/orders on MS Navision & CRM
- Handling shipment deliveries, including import/export compliance documentation

QA Technician, Codemasters, Southam

Apr 2019 – Aug 2020

- Collaborated with the mobile team for the F1 Mobile Racing project
- Thoroughly tested game functionality, user interface and monetisation features on iOS and Android devices
- Met deadlines for timely updates on the Apple Store and Google Play Store, leveraging social platforms for player feedback.
- Identified, documented, and reported bugs via Atlassian suite software
- Utilised GameSparks tool to detect in-game cheating, such as currency exploits and take action

PROJECTS

Portfolio, React Three Fibre Website

Aug 2024 – present

A custom portfolio was created utilising React, JavaScript, HTML and CSS elements. [🔗](#)

Procedural Terrain Shader, Three.js

Oct 2024 – Oct 2024

Procedurally generated three.js shader, with varied textures showing Water, Sand, Grass, Rock & Snow

Tankeo Drift, Unity Game

Nov 2023 – Feb 2024

Endless procedurally generated rogue-like, with 36 upgrade options and an endless game loop

EDUCATION

BSc | Computer Games Design and Programming | First Class Award, Staffordshire University

Sep 2020 – Jun 2023

Individual Games Technology Project - 87% - Unreal Engine 5, procedurally generated dungeon crawler game.

AI Scripting for Games - 75% - Unity, A* Pathfinding and decision-making behaviours for AI agents using C#.

A Levels | GCSEs, Princethorpe College, Rugby

Sep 2011 – Jun 2018

A Levels - ICT | Geography | English

Pass in 10 GCSEs grading (A-C)

PERSONAL

Achievements: St Johns First Aid Certificate | Bronze Silver and Gold Duke of Edinburgh awards | Sports Diver Licence

Charity Events: 40-mile walk to raise money for Mary's Meals | Winter Wolf Run | 2 years of volunteering at Leamington Spa Park Run | Leukaemia Research Bikeathons & the Marie Curie Swimathon

Interests: Participating in game jams | Reading horror novels and classic literature, fond of works by Robert McCammon, Stephen King, Ray Bradbury, and H.G Wells | Keen athlete enjoying tennis, running, climbing, and scuba diving