

Stephen Crocker

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Education

- Software Development Program** (Currently enrolled) Apr 2025
Keyin College
- Bachelor of Science: Computer Science** (Currently enrolled) Dec 2025
Memorial University of Newfoundland and Labrador
- Bachelor of Business Administration** (Credits completed) Apr 2025
Memorial University of Newfoundland and Labrador

Projects

Game Development - *Unity (C#), Blender*

- Developed and optimized 10+ cross-platform games in Unity for mobile, desktop and web deployment.
- Created 3D models and animation rigging used in production games.
- Published 10 complete games on stoozly.itch.io resulting in over 500+ plays.

AI Literacy Tutor - *Next.js*

- Collaboratively worked on a Next.js based AI Literacy Tutor contributing to backend planning, frontend development, and testing.

Screenshot App - *.NET*

- Engineered a lightweight Windows desktop application using .NET Framework for efficient screen capture and image processing.

Jewelry Portfolio App - *React.js*

- Implemented a responsive web application for tracking and calculating real-time jewelry valuations with React Hooks and TypeScript

Math Competition App - *Node.js, Express.js, Jest*

- Developed a full-stack web application with dynamic question generation, difficulty levels, streak tracking, and leaderboards using Node.js, Express, and Jest for testing.

Experience

Ladderspike 2024

- Collaborated with other team members on website redesign ideas, conducted market analysis of competitors, and created mockups in Figma for future revisions.

Technical Skills

Languages: Python, C, C#, Java, JavaScript, SQL, HTML,, XML, JSON, ARM

Frameworks: Flask, Bottle, React, Express, Next, Node, SciKit-learn

Databases: MongoDB, PostgreSQL, SQLite, Prisma

Cloud & DevOps: AWS (EC2, S3, Lambda, RDS, CloudWatch, CloudFormation, IAM)

Development Tools: Git/Github, Jupyter, Postman, Visual Studio Code

Design & 3D Tools: Unity, Blender, Figma

Certifications & Achievements

QA/QC Certified Tester Foundation Level 4.0 - ISTQB®

AWS Academy Graduate - AWS Cloud Foundations

NL Hackathon - “Most Technical Award” winner

AWS Academy Graduate - AWS Academy Cloud Developing