

MANZOR SARAHI

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PROGRAMMING LANGUAGES

C++ • C • C# • Python
HLSL • GLSL • Java
HTML5 • CSS • JavaScript

TECHNICAL SKILLS

Unreal Engine 4
Unity3D
OpenGL
Blender
Autodesk
Maya • AutoCAD
Microsoft Office Suite
Word • Excel • PowerPoint
Adobe Suite
Photoshop • Illustrator

EDUCATION

Ryerson University
(Sept 2014 – April 2018)
BSc in Computer Science

- Computer Graphics
- Advanced Topics in Computer Science: Virtual Reality
- Data Structures
- Artificial Intelligence
- Software Verification & Validation

INTERPERSONAL SKILLS

- Organized, responsible, self-motivated, and quick learner
- Problem solving and analytical skills
- Able to work independently and as a part of a team
- Excellent verbal and written communication

EXPERIENCE

Automation Developer @ DSEL
(June 2018 – February 2020)

- Designed, developed, and tested automation tools using C# and AutoCAD API in an Agile Environment
- Worked alongside civil engineers to gather requirements for each new proposed tool
- Received ownership of existing tools along with creating my own, which I was then to implement improvements, debug, and write tests, and create documentation for
- Worked alongside other automation developers to create algorithms and solutions to problems
- Participated in code reviews

Virtual Lab Developer @ Ryerson University
(May 2017 – April 2018)

- Developed virtual simulations of various engineering related tasks using C# and Unity3D
- Created 3D models using both AutoCAD and Maya which were used to represent all assets within each project component
- Analyzed, debugged, and resolved technical and complex problems for different project components and reported deficiencies in the application

Letter of Recommendation

To whom it may concern,

I am writing in reference to Manzor Sarahi, an outstanding software developer that I've had the pleasure of supervising at David Schaeffer Engineering Ltd. from June 2018 until February 2020. He was primarily responsible for the development of applications in the field of civil engineering using AutoCAD and C#. Having quickly outgrown the responsibilities of the Junior Developer role, Manzor was promoted to Intermediate Software Developer in May 2019. During his time here, he independently led the development of many integral features and programs with responsibilities such as gathering requirements, high level design, implementation, writing documentation, unit testing and leading presentations. Manzor was nothing less than an ideal team member – he was fast, organized, dependable, and self-motivated.

At the time of his hire, what distinguished Manzor from other newly graduated candidates was his plethora of side projects and his passion for game development. It takes a lot of self-motivation to challenge oneself with something new and a lot of dedication to bring a concept to life. Yet at any given time, I'm certain Manzor is learning and creating – it is his nature. Manzor is a sponge when it comes to knowledge. I believe his willingness to actively listen and his talent for organizing ideas allows him to be both a quick and comprehensive learner. This ability to grasp new concepts was invaluable for solving unfamiliar problems thoroughly. I recall assigning Manzor increasingly difficult tasks early in his career, expecting him to come to me for advice, only to find them cleverly solved without any help needed. This trend continued and I've yet to find a problem Manzor can't handle with how resourceful, inventive and hardworking he is.

At DSEL, Manzor proved himself to be a highly disciplined individual that could be trusted to carry a project to completion. His work was reliably on schedule and his tasks were meticulously planned. Manzor is organized in all aspects of his work, from his methodical problem solving to his detailed documentation. He is someone who sweats the details because he takes ownership of his work and it definitely shows. Manzor was generous with his effort, but he was even more generous with his teamwork. He never turned down a request from anyone, no matter how swamped he was and no matter how unrelated it was to his work, he was always there to lend a helping hand. Unsurprisingly, he befriended just about everyone he worked with and I can only assume he'll have the same effect on the next organization he joins. He is just that wonderful to work with.

Needless to say, I'd overwhelmingly recommend Manzor for any role in software development. There's no limit to what he can achieve given the opportunity. Feel free to contact me at sli@dsel.ca or call me at (647)-926-7793 if you have any questions.

Sincerely,



Steven Li