

# Athul Subash Marottikkal

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## EDUCATION

### Trent University

Peterborough, ON

*Bachelor of Science (Honours) in Computer Science*

May 2021 – Jan. 2025 (Expected)

- Specializations: Software Engineering & Theoretical Computer Science
- Minor: Mathematics
- Relevant Coursework: Data Structures & Algorithms II, Web Application Development, Software Architecture & Design, Software Design & Modelling, Fundamentals of Operating Systems, Systems Programming, Database Management Systems, Linear Algebra, Discrete Structures, Calculus II
- CGPA: 80.72

## EXPERIENCE

### Front-end Developer Intern

Sept. 2023 – Jan. 2024

*EasyFits*

*Remote*

- Developing 3D character customization features on Blender to be implemented on a virtual shopping platform
- Developing a Machine Learning Model for 3D cloth rendering

### Crew Trainer

Oct. 2021 – Present

*McDonald's*

*Peterborough, ON*

- Communicate with managers to effectively manage the workflow
- Conduct comprehensive training programs for new crew members, ensuring they were proficient in all aspects of food preparation, customer service, and safety protocols
- Evaluated the performance of crew members, providing constructive feedback and guidance to enhance their skills and efficiency

## PROJECTS

### EasyFits: Project Elevate

Sept. 2023 – Apr. 2024

- Serving as the Team Leader for EasyFits' Project Elevate, leading a team in the development of a complete virtual try-on system for a local small business in Peterborough
- Steering the team towards technical deliverables, including ongoing work on a simple, intuitive e-storefront, 3D cloth renders, fit simulation, and integration with the online store
- Actively engaged in the 3D modeling process using Blender, currently demonstrated garment fitness by modeling clothes with different sizes onto an avatar

### Portfolio | [athulsubashm.github.io](https://athulsubashm.github.io)

September 2021

- Developed a dynamic and responsive website, showcasing proficiency in HTML and CSS to ensure an engaging user experience
- Demonstrated expertise in image editing using GIMP software, emphasizing creativity and attention to detail
- Designed and presented comprehensive mock-ups for a Proof of Vaccination app across Android, iOS, and Windows platforms, showcasing a keen understanding of UI/UX design principles

### Blender Projects | [athulsubashm.github.io/blender.html](https://athulsubashm.github.io/blender.html)

January 2021

- Produced a captivating collection of 3D models using Blender
- Demonstrated creativity and technical proficiency in 3D modeling

## CERTIFICATES

### Work-Integrated Learning (WIL)

Université de Sherbrooke

- Introduction to Quantum Programming
- Introduction to Quantum Cryptography

January 23, 2023

March 6, 2023

## TECHNICAL SKILLS

**Languages:** C#, C, JavaScript, PHP, HTML/CSS, SQL, Java, Verilog

**Developer Tools:** Visual Studio, Visual Studio Code, Github, Git, Blender, Unity, Figma, GIMP, Microsoft Office