Sarah Katerji

Student in D.E.S.S en design de jeux

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Languages : Français, Anglais, Arabe.
Portfolio: https://sarahkaterji.com/portfolio

PROFILE

Master in Computer science and currently a student at université de Montréal pursuing a DESS in Game Design. A motivated individual focused on good quality results, I am looking for a job that is stimulating in the field of web development or game development. I have skills and knowledge in programming and a passion for innovation and problem solving.

PROFESSIONAL SKILLS

PROGRAMMING SKILLS

- Programming Languages: C++, C#, Java, Python.
- Front-End Web Devleopment : HTML, CSS, SAAS, Tailwind, Bootstrap, JavaScript, jQuery, React.
- Back-end Web Development: PHP (vanilla, Laravel, Wordpress) Python (Flask), ASP.net (C#).
- E-commerce: Woocommerce, Shopify, Magento.
- Databses: SQL.
- Integration of API and testing.
- Web Services: REST, SOAP, Format de données: JSON, XML.
- Mobile App Development: Android (Java).
- Debugging: Visual Studio Debugger, Browser Inspector, Postman.
- Game Development : Unity (C#).
- Version Control : Github
- Visual Art Programming : Processing
- Machine Learning : TensorFlow, Scikit-Learn, Padas.
- Cybersecurity : encryption, authentification, secure programming.

SOFT SKILLS

- Great communication skills
- Experience in problem-solving
- Adaptibility and flexibility
- Time Management and ponctuality
- Experience in teamwork

EXPÉRIENCES PROFESSIONNELLES

RESEARCH ASSISTANT IN GAME DEVELOPMENT   **2023-Present**
Université de Montreal, Canada.

GAME DEVELOPMENT INSTRUCTOR (MINECRAFT ET UNITY)　　　　　　**2023-Present**
StudioXP, Canada.

COMPUTER SCIENCE RESEARCH ASSISTANT　　　　　　　　　　　**2021-2023**
American Univeristy of Beirut, Lebanon.

ADMINISTRATIVE ASSISTANT　　　　　　　　　　　　　　　　**2022**
American Univeristy of Beirut, Lebanon.

TEACHING ASSISTANT IN COMPUTER SCIENCE　　　　　　　　　**2018-2023**
American University of Beirut, Lebanon.

WEB DEVELOPER & DESIGNER　　　　　　　　　　　　　　**2016-2023**
Freelance, Beirut, Lebanon.

INTERN MOBILE APPLICATION DEVELOPER　　　　　　　　　　**2018**
Mirum, Beirut, Lebanon.

COMPUTER SCIENCE LAB ASSISTANT　　　　　　　　　　　　**2015-2018**
Rafik Hariri University, Beirut, Lebanon.

MATHS TUTOR　　　　　　　　　　　　　　　　　　　**2014-2015**
Freelance Tutoring, Beirut, Lebanon.

PROJECTS

- Conception and execution of informative websites, blogs and e-commerce websites in full-stack.
- Procecural content generation for Platformer Games: GAN models to learn from gameplay videos of Super Mario bros to generate novel novels of the game
- View all projects on my portfolio link: https://sarahkaterji.com/portfolio

EDUCATION

DESS IN GAME DESIGN　　　　　　　　　　　　　　　　**2022- Present**
Université de Montréal, Québec, Canada.

MASTER IN COMPUTER SCIENCE (HIGH DISTINCTION)　　　　**Obtained on 2022**
American University of Beirut, Lebanon.

BS IN COMPUTER SCIENCE (HIGH DISTINCTION)　　　　　　**Obtained on 2018**
Rafik Hariri University, Beirut, Lebanon.

DISTINCTIONS & PUBLICATIONS

- Henri Qais Naccache Prize of best graduate student in American University of Beirut
- Dean's Honor List in Rafik Hariri University and American University of Beirut
- IEE Published Paper (Supervised by Dr. Shady Elbassuoni): DeepNOVA: A Deep Learning NOVA Classifier for Food Images