Lead Software Engineer

8718 167ST, Surrey, V4N5B1, Canada
Mathias@pepservices.com
(778)-814-7769

MATHIAS PETERSEN

PROFILE

Accomplished team lead robotics software engineer, passionate about mechatronics and technology. Adept in various languages, systems, and cutting-edge technology.

EXPERIENCE

Lead Software Engineer at Hephaestus Robotics

September 2018 - Present

Lead the programming of new technologies in the world of FRC (First Robotics Competition), designed new and innovative core systems, creating multiple pieces of software and apps for team productivity and data-driven designs. Worked an average of 10 hours a day to create competitive robots to compete on the world stage helping qualify our team to apply to the national Canadian Olympic Team for FIRST Robotics. Was the first team in British Columbia Canada to create and program a swerve drive robot.

Lead Instructor at Byte Camp Education Society

June 2022 – Present

Lead camps that involved the teaching of computer concepts and skills to preteens. Camps included lessons about Blender a 3D modeling program where they were taught how to model and animate their own movies, Godot a game engine which they used to create 2D, 3D games and Apps using a Python-like scripting language, and Scratch a block based coding language to teach basic game design and programming concepts.

Crew Trainer at Gateway McDonalds

September 2021 - Present

Worked in a fast-paced environment and trained new crew members. Handled food with sanitation and safety in mind. Constantly worked on ways to improve productivity and quality. Helped maintain workplace cleanness and suggested improvements and Ideas, focused with productivity in mind.

SKILLS

Robotics   Java   HTML/CSS/JavaScript   PHP   C++   Linux
Microsoft Office   C#   Python   SQL   SQL

EDUCATION

North Surrey Secondary School
September 2018 - Present

Languages

English   **French**

HOBBIES

Work with computers and electronics daily, always improving and educating myself on new technologies and skills for a dynamic workforce. Created multiple programs and software to help with personal workflow and have them open source online for anyone to use.

LINKS

LinkedIn   GitHub   Twitter
@mathiasdp   @SoZ0   @thatsozo

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