

Joseph Cheel Nakashima

Education

42 School - *higher education in Computer Science & Software Development* **Nov 2021 - Present**

- Project-based pedagogy and peer-to-peer learning.
- Capable in managing diverse projects with varying team sizes, skilled at project management tools including Slack, Git, and GitHub.
- Programming fundamentals in C and C++ languages, encompassing dynamic memory management, data type parsing, threading, graphics, and object-oriented programming principles.
- Knowledge of system administration on VMs and multi-container infrastructure using Docker and Docker Compose
- Configuration of small-scale networks, subnets, and understanding of TCP/IP addressing

Institut Doctor Puigvert - *academically orientated secondary education* **Sept 2019 - Jun 2021**

Personal Projects

MiniRT - *Project about the world of Raytracing **coded in C**. Basic graphics rendering engine able to render simple Computer-Generated-Images. More info: <https://github.com/josephcheel/42-MiniRT>*

Minishell - *This project involves creating a simple shell **coded in C**. with Bash as a reference. More info: <https://github.com/josephcheel/42-Minishell>*

Inception - *This project involves setting up a compact Docker-based infrastructure, featuring custom-built Docker images and the configuration of Nginx, WordPress, and Mariadb database containers.*

Licenses & certifications

AWS Certified Cloud Practitioner - *Amazon Web Services* **Sept 2023**
Foundation in AWS Cloud services and infrastructure, covering essential concepts like cloud deployment models, security protocols, and cost optimization techniques. Navigating the AWS Management Console, deploying basic cloud solutions, and troubleshooting common issues...

Google IT Support Professional Certificate - *Professional Google Career Certificates* **Aug 2023**
Powershell - Linux - Interfaz de comandos - Sistemas de archivos de Linux - IPv4 - Sistema de nombres de dominio
Modelo de red - Solución de problemas - Criptografía - Seguridad inalámbrica - Seguridad de la red - Código binario
- Soporte al cliente - Solución de problemas - Servicio de directorio - Protocolo ligero de acceso a directorios - Respaldo

Google IT Automation with Python - *Professional Google Career Certificates* **Jul 2023**
Building a Solution - Interacting with Web Services - Serialization - Creating and Translating Media Files - Managing Scarce Resources - Improving Software Performance - Finding the Root Cause of a Problem - Advanced Troubleshooting - Understanding Errors -Reverting Changes - Interacting with GitHub -Version Control Systems - Creating Pull Requests - Using Git - Configuration Management - Automation at Scale - Cloud Computing - Basic Monitoring & Alerting - Using Puppet - Python Programming - Basic Python Syntax - Basic Python Data Structures - Object-Oriented Programming (OOP) - Fundamental Programming Concepts - Automating System Administration Tasks with Python - Setting up your Development Environment - Bash Scripting - Regular Expression (REGEX) - Testing in Python

Technology & languages

C / C++ *multiprocessing, multithreading, TCP/IP application, graphics*
Unix *shell scripting, system administration of linux systems and MacOS and automation*

Python

Web

Databases

Docker

Version Control *Git, Github*

Continous Integration *Github Actions*

Links



github.com/josephcheel



josephcheel.github.io/



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[josephcheel](https://www.linkedin.com/company/josephcheel)

References available upon request