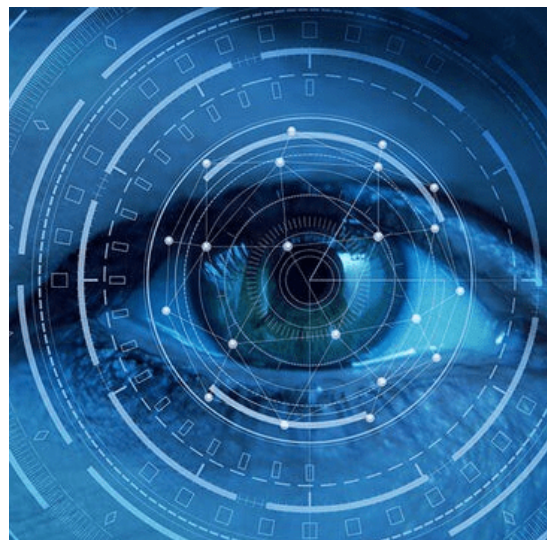# Petri Yamamoto

Image Processing Expert

Highly-dedicated, enthusiastic, and professional Digital Image Processing Engineer with more than 6 years of experience in designing and implementing computer algorithms or models for creating, displaying, and processing various digital images. Capable of analyzing signals and data, writing code, testing and resolving image processing issues as well as developing effective techniques to improve image quality. Possess excellent analytical, communication, problem-solving and team-working skills.

Work Experience

July 2017 - February 2018

Digital Image Processing Engineer USC

1. Gathering and analyzing business requirements as well as developing cross-platform and efficient algorithms, service tools, models and related solutions for signal and digital image processing
Collaborating with design and technical teams in mapping machine learning, computer vision and image processing algorithms into well-defined architectures as well as implementing them in different software and hardware as required.
2. Collaborating with design and technical teams in mapping machine learning, computer vision and image processing algorithms into well-defined architectures as well as implementing them in different software and hardware as required
3. Performing routine maintenance on various computer and digitization equipment as well as researching, assessing and recommending specialized equipment purchases and hardware installations and modifications as needed.
4. Collaborating with cross-functional teams in designing and developing innovative and effective digital image processing techniques for optimal performance and efficiency as well as interpreting, disseminating and documenting internal operating policies and procedures as required

Education

2010 - 2014

National University of Singapore

Digital Image Processing Course

Skills

- OCR
- python programming
- Deep Learning
- AI & Machine Learning
- Web Development
- JAVA

Languages

- English — Professional