Contact

www.linkedin.com/in/fatih-altay-90a4a8a8 (LinkedIn)

Top Skills

PySpark
Databricks
Machine Vision

Languages

German (Elementary)
English (Professional Working)

Honors-Awards

SAP 2015 FAST DELIVERY AWARD

Fatih Altay

Computer Vision Engineer
Greater Syracuse-Auburn Area

Summary

* Worked on various computer vision / machine learning models and published papers
* Built computer vision systems for object detection using SOTA machine learning models
* Applied transfer learning and fine-tuning methods to cover edge cases for the developed systems

Skills: Python, C#, C++, PyTorch, Tensorflow, Keras, OpenCV, Git, Machine Learning, Computer Vision, Image Processing, Embedded Systems, Machine Vision.

Experience

Corning Incorporated
Computer Vision Engineer
August 2022 - Present (9 months)

* Working on detecting defects that occur in manufacturing lines using computer vision / machine learning models
* Working on predictive analytics (forecasting) using PySpark and Databricks
* Designing machine vision systems for quality inspection
* Working on various image processing techniques using Halcon, C# and Python

Syracuse University
PhD Candidate and Research Assistant
2018 - Present (5 years)
Syracuse, New York, United States

* Worked on various computer vision/machine learning algorithms including but not limited to:
- Object classification/detection networks
- Attention networks
* Built computer vision systems using RGB and thermal cameras

SRI International

Machine Learning Engineer

January 2022 - May 2022 (5 months)

Princeton, New Jersey, United States

* Worked on Graph Attention networks as a subpart of object detection and tracking via satellite images

* Explored classification and detection performances of networks when certain number of patches are used instead of using whole images

InnoPeak Technology, Inc.

Software Engineer - Computer Vision

May 2021 - September 2021 (5 months)

Seattle, Washington, United States

* Worked on object detections networks by building a platform using an NVIDIA Jetson and an ultrasonic sensor

* Worked on depth estimation networks

Education

Syracuse University

Doctor of Philosophy (Ph.D.), Computer Scinece · (2018 - 2022)

Syracuse University

Master's degree, Computer Engineering · (2009 - 2011)