Kaleab A Kinfu

COMPUTER VISION RESEARCHER

I'm extremely enthusiastic about AI and its power to make our world a better place to live; and I want to contribute my part on this captivating and wonderful scientific field working to solve the open problems in Computer Vision so as to build autonomous systems that can "see" and reason.

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Pessac, France

Ai Coursework

CV · DL · AR/VR · iSensor

Programming Languages

C++ · Python · C# · Java · Matlab

Tools & Framework

OpenCV · OpenGL · Point Cloud Library · Android · Blender · Unity3D · TensorFlow · Keras · Xilinx

Personal Skills

COMMUNICATION	10/10
TEAM WORK	10/10
CREATIVITY	10/10
DEDICATION	10/10

Honours and Awards

- Erasmus+ Mundus Joint Master Scholarship, 2018-2020
- *Winner*, Innovative Project of 2017, AAU
- *Dux*, AAU College of Natural Sciences, 2017
- *Finalist*, Ethiopian National ICT Innovation Competition, 2013 & 2015

Work Experience

```
const NextComp? = [
    //Contact me
];
var VPU Lab, UAM = [
    //June 2019 - August 2019
    Title: “Research Assistant”,
    Task: "Built a tool for the automatic
      generation of ground-truth data for
      object detection of Google Street
      View images"
];
var Addis Ababa University = [
    //Sep 2017 - Present
    Title: “Assistant Lecturer”,
    Task: "Develop own teaching materials,
     methods and approaches and teach in a
     variety of settings from small group
     tutorials to large lectures"
];
```

Education

```
MSc ErasmusMundus = new MSc(
    // Ongoing
    Title: “Image Processing & Computer Vision”,
    Institutions: ["PPKE", "UAM", "UoB"],
    Timeline: "Sep 2018 - Sep 2020",
    URL: "http://ipcv.eu/"
);
BSc AddisAbabaUniversity = new BSc(
    //CGPA: 3.93 / 4
    Title: “Computr Science”,
    Institution: “Addis Ababa University (AAU)”,
    Timeline: "Sep 2013 - July 2017",
    Thesis: "Autonomous Traffic Management"
);
```

Projects

Ground-truth generation for Google Street View
a tool for the automatic generation of ground-truth data for object detection of Google Street View.

Object Detection in Equirectangular Panorama
A multi-projection variant of YOLO detector for Equirectangular Panorama, eg. Google Street View

3D Reconstruction from single RGB image
A deep learning technique aiming to infer 3D object reconstruction from single RGB image.

Intelligent Traffic Management System
A system that dynamically allot traffic signal time based on density, track vehicles, recognize license plates and estimate their speed.