



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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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

09/10

TEAM WORK

09/10

CREATIVITY

10/10

DEDICATION

10/10



Honours and Awards

🎯 Erasmus+ Mundus Joint Master Scholarship, 2018-2020

🎯 Winner, Innovation Project of 2017, AAU

🎯 Valedictorian, AAU College of Natural Sciences, 2017

🎯 Finalist, Ethiopian National ICT Innovation Competition, 2013



Work Experience

```
const GeoSat? = [  
  //Eagerly anticipating  
];  
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.