PUBBLICATO ALL'ALBO WEB IN DATA 16.09.2022

UNIVERSITA' DEGLI STUDI DI GENOVA

AREA INTERNAZIONALIZZAZIONE, RICERCA E TERZA MISSIONE
SERVIZIO RICERCA

D.R. n. 3759

IL RETTORE

- Visto il Decreto Rettorale n. 3336 del 01/08/2022, con il quale è stato indetto il concorso, per titoli e colloquio, per il conferimento di n. 1 borsa di ricerca post laurea di tipo *consolidator* della durata di 12 mesi, eventualmente rinnovabile, importo € 18.000,00 (diciottomila/00), per lo svolgimento di una ricerca sul tema: "Self supervised methods for 3D object detection and scene analysis", presso il DIBRIS dell'Università degli Studi di Genova;

- Visto il Decreto Rettorale n. 3624 del 05/09/2022 con il quale è stata costituita la Commissione giudicatrice per il conferimento della suddetta borsa di ricerca;

- Visto il verbale della Commissione giudicatrice del concorso in parola, riunitasi in data 09/09/2022;

- Constatata la regolarità della procedura seguita;

DECRETA

Art. 1

Sono approvati gli atti del concorso di cui in premessa e la seguente graduatoria di merito:

1 . Dott.re Issa Mouawad punti 90/100

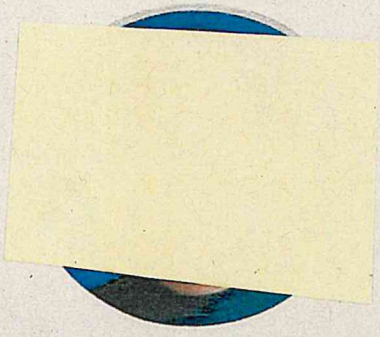
Sotto condizione dell'accertamento dei requisiti di cui al bando, è dichiarato vincitore del concorso in parola il Dott.re Issa Mouawad.

Genova, 16.09.2022

IL RETTORE

Firmato digitalmente da:
FEDERICO DELFINO
Università degli Studi di Genova
Firmato il: 14-09-2022 12:17:05
Seriale certificato: 818306
Valido dal 03-11-2020 al 03-11-2023

Responsabile del procedimento: Cristina Tubino
Area Internazionalizzazione, Ricerca e Terza Missione
Servizio Ricerca



Issa Mouawad

PhD Candidate

[redacted]

Profile

Coming from a computer science background, I had the chance to develop strong technical and programming skills, as well as critical thinking and problem solving. I've further improved these skills during the time I spent at different industry positions. During my recent studies, I have transitioned to the field of Data Science, adapting to different challenges, and enriching my background knowledge on topics like statistics, machine learning and computer vision. Research activities during my PhD have further contributed to more independent and critical problem solving, trying to identify and address problems of interest and practical relevance while keeping up with the fast-paced developments in the research community.

Languages

Arabic

English

Italian

Experience

Present – Oct 2019 — Teaching Assistant, University of Genoa, Italy/Genoa
- Preparing Lab materials and providing assistance for projects and assignments in the the following Computer Science grad courses: Data Visualization, Computational Vision, Digital Signal and Image Processing

Aug/2020 – May/2020 — Research Assistant, University of Genoa, Italy/Genoa
- Studying the application of time-series forcasting methods in the domain of finance data

Sept/2018 – Feb/2017 — Senior Web Developer, Softmachine, Lebanon/Kaslik
- Developing back-end and front-end web applications for a number of enterprises, technologies included: ASP.NET and C#, javascript and ext.net, DevExpress Reporting
- Developing Native and client applications using C#

Feb/2017 – Jun/2014 — Teaching Assistant, Tishreen University, Syria/Latakia
- Teaching Labs for undergrad students in the following subjects: Software testing, Introduction to Programming, and Web development

Education

Present – Nov/2019 — **Ph.D.**, University of Genoa/ MaIGa-DIBRIS
- The main theme of the PhD is the study of efficient perception tasks for autonomous agents
- Study and development of efficient perception algorithms mainly related to 2D object detection and tracking. Several applications of interests such as autonomous driving and surveillance
- Study and development of self-supervised methods to perform 3D perception tasks e.g. 3D Object Detection. Building on an external collaboration with TUM and Google

Jul/2019 – Oct/2017 — M.Sc. in Computer Science, University of Genoa
- The curriculum of this study program is focused on Data Science and Engineering, featuring several courses on various aspects of Data Science, such as Big Data management, Machine Learning, and High Performance Computing, my elective courses were further concentrated on Visual understanding and Human Computer Interaction
- My course choices and interests had led me to my Thesis work which was carried out in collaboration with the Robotics Department on the development of a multi-modal obstacle detection pipeline for autonomous vessels under development by mentioned collaborators

Jul/2013 – Sept/2009 — B.Sc. in Computer Science (Min. 5 years), University of Aleppo
- A classical and comprehensive computer science program, several subjects were covered belonging to basic maths, programming, software engineering, networking and databases, in addition to other engineering related topics such as microprocessors, signal processing and information theory
- During my final thesis, I developed an Uber-like framework comprising a web application, a back-end server and a mobile application

Publications

2019 Sorial et al. Towards a real time obstacle detection system for unmanned surface vehicles. In OCEANS 2019 MTS/IEEE SEATTLE

2022 Mouawad I, Odone F. FasterVideo: Efficient Online Joint Object Detection and Tracking. In ICIAP 2022 (pp. 375-387). Springer, Cham.

2022 Mouawad et al. , "Time-to-Label: Temporal Consistency for Self-Supervised Monocular 3D Object Detection," in IEEE Robotics and Automation Letters, Oct. 2022