

Conference papers

Gregor von Laszewski, Anthony Orlowski, Richard H. Otten, Reilly Markowitz, Sunny Gandh, Adam Chai, Geoffrey C. Fox, Wo L. Chang (2021). [Using GAS for Speedy Generation of Hybrid Multi-Cloud Auto Generated AI Services](#). *IEEE COMPSAC 2021: Intelligent and Resilient Computing for a Collaborative World 45th Anniversary Conference*.

Geoffrey C. Fox, Gregor von Laszewski, Fugang Wang, Saumyadipta Pyne, *AICov: An Integrative Deep Learning Framework for COVID-19 Forecasting with Population Covariates*, J. data sci. **19**(2021), no. 2, 293-313, DOI 10.6339/21-JDS1007

AI-First Engineering Cybertraining (sp2021)

<https://cybertraining-dsc.github.io/docs/courses/ai-first/>

- sp21-599-359: [Project: Deep Learning in Drug Discovery](#), Anesu Chaora, <https://cybertraining-dsc.github.io/report/sp21-599-359/project/>
- sp21-599-357: [Project: Structural Protein Sequences Classification](#), Jiayu Li, <https://cybertraining-dsc.github.io/report/sp21-599-357/project/>
- sp21-599-355: [Project: Chat Bots in Customer Service](#), Anna Everett, <https://cybertraining-dsc.github.io/report/sp21-599-355/project/>
- sp21-599-354: [Project: Identifying Agricultural Weeds with CNN](#), Paula Madetzke, <https://cybertraining-dsc.github.io/report/sp21-599-354/project/>
- sp21-599-358: [Project: Autonomous Vehicle Simulations Using the CARLA Simulator](#), Jesus Badillo, <https://cybertraining-dsc.github.io/report/sp21-599-358/project/>
- sp21-599-356: [Project: Forecasting Natural Gas Demand/Supply](#), Baekeun Park, <https://cybertraining-dsc.github.io/report/sp21-599-356/project/>
- sp21-599-353: [Project: Stock Level Prediction](#), Rishabh Agrawal, <https://cybertraining-dsc.github.io/report/sp21-599-353/project/>

2021 REU Reports (reu2021)

<https://cybertraining-dsc.github.io/docs/report/2021-reu/>

- reu21-reu-361: [Project: Time Series Analysis of Blockchain-Based Cryptocurrency Price Changes](#), Jacques Fleischer, <https://cybertraining-dsc.github.io/report/su21-reu-361/project/>
- su21-reu-362: [Project: Breast Cancer and Genetics](#), Kehinde Ezekiel, <https://cybertraining-dsc.github.io/report/su21-reu-362/project/>
- su21-reu-363: [Project: AI in Orthodontics](#), Whitney McNair, <https://cybertraining-dsc.github.io/report/su21-reu-363/project/>
- su21-reu-364: [Project: Object Recognition](#), David Umanzor, <https://cybertraining-dsc.github.io/report/su21-reu-364/project/>
- su21-reu-365: [Project: Cyber Attacks Detection Using AI Algorithms](#), Victor Adankai, <https://cybertraining-dsc.github.io/report/su21-reu-365/project/>
- su21-reu-366: [Project: Handwriting Recognition Using AI](#), Mikahla Reeves, <https://cybertraining-dsc.github.io/report/su21-reu-366/project/>
- su21-reu-369: [Project: Increasing Cervical Cancer Risk Analysis](#), Theresa Jeanbaptiste, <https://cybertraining-dsc.github.io/report/su21-reu-369/project/>

- su21-reu-370: [Project: Marine animal population analysis using AI, Tiamia Williams](https://cybertraining-dsc.github.io/report/su21-reu-370/project/) , <https://cybertraining-dsc.github.io/report/su21-reu-370/project/>
- su21-reu-371: [Project: Project: Detecting Multiple Sclerosis Symptoms using AI, Raeven Hatcher](https://cybertraining-dsc.github.io/report/su21-reu-371/project/) <https://cybertraining-dsc.github.io/report/su21-reu-371/project/>
- su21-reu-372: [Project: Analysing Hashimoto disease causes using AI, Sheimy Paz](https://cybertraining-dsc.github.io/report/su21-reu-372/project/), <https://cybertraining-dsc.github.io/report/su21-reu-372/project/>
- su21-reu-375: [Project: Analysis of Covid-19 Vaccination Rates in Different Races, Ololade Latinwo](https://cybertraining-dsc.github.io/report/su21-reu-375/project/), <https://cybertraining-dsc.github.io/report/su21-reu-375/project/>
- su21-reu-376: [Project: AI and Dentronics, Jamyla Young](https://cybertraining-dsc.github.io/report/su21-reu-376/project/), <https://cybertraining-dsc.github.io/report/su21-reu-376/project/>
- su21-reu-377: [Project: Project: Analyzing the Advantages and Disadvantages of Artificial Intelligence for Breast Cancer Detection in Women, RonDaisja Dunn](https://cybertraining-dsc.github.io/report/su21-reu-377/project/), <https://cybertraining-dsc.github.io/report/su21-reu-377/project/>
- su21-reu-378: [Project: Analysis of Autism in three different cities using AI, Myra Saunders](https://cybertraining-dsc.github.io/report/su21-reu-378/project/), <https://cybertraining-dsc.github.io/report/su21-reu-378/project/>