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|  |  | David figueroa  Graduate Research Assistant – Ishiguro Lab |
| Contact PHONE:  070-4005-7133  EMAIL:  dargor16@hotmail.com Interests Computer Science  Deep Learning  Data Analysis  Applied Machine Learning  Computer Vision  Human-Robot Interaction Programming languages Python  TypeScript  Java  Haskell  R |  | EDUCATIONOsaka University 2020/10 – 2023/09  Ph.D. in Systems Science and Applied Informatics. Research in the Intelligent Robotics group at Ishiguro laboratory. Focus on applied machine learning in real-life scenarios and human-robot interaction. Osaka University 2018/10 – 2020/09  M.S. System Science and Applied Informatics WORK EXPERIENCEIshiguro Lab - Graduate Research Assistant 2020/10–Present • Ph.D. student • Experience in data gathering & processing • Design & deploy of deep learning systems Stack Builders Inc - Software Developer 2017/03–2018/08  • Full stack developer working with established companies and startups to develop their technological need, including a startup reaching Series B funding • Experience with TDD and SOLID principles in functional and object oriented programming  • Experience in CI/CD, Git, Agile methodologies AccomplishmentsMonbukagakusho Scholarship 2018/10–2020/09 & 2020/10–2023/09 • Japanese government scholarship awarded for M.S. and Ph.D. studies Publications • Recognition of hand disinfection by an alcohol-containing gel using 2D imaging in a clinical setting [[Link](https://www.journalofhospitalinfection.com/article/S0195-6701(23)00064-6/fulltext)]  • Improving voice detection in real life scenarios: differentiating television and human speech at older adult’s houses [[Link](https://medcraveonline.com/IRATJ/improving-voice-detection-in-real-life-scenarios-differentiating-television-and-human-speech-at-older-adultsrsquo-houses.html)] |