

PERSONAL DETAILS

An experienced data scientist based in Edinburgh, UK.

Email riinuots@gmail.com
Website <https://riinu.me/>
R training <http://healthyр.surgicalinformatics.org/>
GitHub <https://github.com/riinuots/>
Asteroid 25616 Riinuots

Skills: data analysis, visualisation, dashboards, automatisisation, database architecture, system administration, information governance, quality assurance, training & supervision.

Tools: R/RStudio, Unix shell, git, REDCap, Shiny, SQL, bootstrap, CSS, Hugo.

Book: Harrison and Ots: "**HealthyR: R for Health Data Analysis**", to be published with CRC Press/Chapman & Hall in July 2020.

EXPERIENCE

Senior Data Manager 2019 - current
Centre for Medical Informatics, Usher Institute, University of Edinburgh

Data Manager 2016 - 2019
Clinical Surgery, Deanery of Health Sciences, University of Edinburgh

Demonstrator and tutor 2013 - 2016
School of Geosciences, University of Edinburgh

Specialist in numerical modelling (Part-time: 0.1) 2012 - 2015
Laboratory of Atmospheric Physics, University of Tartu

Lab assistant in numerical modelling (Part-time: 0.4) 2010 - 2011
Laboratory of Atmospheric Physics, University of Tartu

Intern in air quality modelling Aug-Oct 2011
NERC Centre for Ecology&Hydrology, Edinburgh

Field Biologist Jun-Aug 2010
Estonian Fund for Nature, Estonia

EDUCATION

PhD Chemistry 2012 - 2016
University of Edinburgh

BSc Physics 2009 - 2012
University of Tartu

GRANTS AND AWARDS

| | |
|---|-----------|
| Wellcome: Open Research Fund | 2019 |
| <i>HealthyR Notebooks: Democratising open and reproducible data analysis in resource-poor environments</i> | |
| £40,000 | |
| Principal's Teaching Award Scheme | 2017 |
| <i>University of Edinburgh: For further development of www.shinystats.org</i> | |
| £5,000 | |
| Estonian Students Fund in USA | 2014 |
| <i>PhD travel bursary</i> | |
| \$3,000 | |
| Estonian Students Fund in USA | 2013 |
| <i>PhD travel bursary</i> | |
| \$2,000 | |
| PhD stipend | 2012-2016 |
| <i>NERC-CEH fully funded studentship</i> | |
| £60,000 | |
| III award - Young researchers | 2012 |
| <i>32nd NATO/SPS International Technical Meeting on Air Pollution Modelling and its Application, Work: "Scale-dependent and seasonal performance of SILAM model in Estonia"</i> | |
| \$350 | |
| II award in Environmental Sciences | 2009 |
| <i>Intel International Science and Engineering Fair, Work: "Implementation of Thermal Plume Rise in SILAM Atmospheric Dispersion Model":</i> | |
| \$1,500 | |
| The award included the naming of an asteroid after me: 25616 Riinuots. | |

REVIEWING

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|---|------------|
| Grant proposals: Cancer Innovation Challenge | 2017- 2018 |
| <i>Organiser: The Data Lab</i> | |
| Peer-review | 2016 |
| <i>Journal: Palgrave Communications</i> | |
| Peer-review | 2016 |
| <i>Journal: Environmental Pollution</i> | |