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My portfolio:
reinson.github.io

Tormi Reinson

I am a data visualization engineer and data analyst with strong interest in machine learning. My academic background is in science, I have a PhD in molecular virology, but in addition have acquired technical skills from tens of Udacity courses. I love working with data, to find insights, and create interactive visualizations.

Skills

Programming languages: JavaScript, Python, R
Other technical skills: **D3.js**, Git/GitHub, SQL, Flask, SQLAlchemy, NumPy, Scikit-Learn, Pandas, ggplot, HTML & CSS
Skills from scientific work experience: Scientific research, data analysis, hypothesis generation, project management, teamwork, leadership, public speaking, scientific writing, working with scientific literature

Work Experience

Software Technology and Applications Competence Center (STACC) - *Data analyst*   *February 2016 - Present*

- Create interactive data visualizations using JavaScript and D3.js. My goal is to create visualizations that can be used by decision makers to make **better decisions** and provide educational value for the general public. My work has received a lot of **positive feedback.**
- Build data wrangling pipelines using Python to clean messy medical data in our PostgreSQL database.
- Explore and analyze medical data sets using Python, R and SQL.

University of Tartu - *Researcher*   *September 2009 - January 2016*

- Conduct every aspect of scientific research; including hypothesis generation, **design** and **execution** of experiments, **analysis** of the results and **writing** publications on the field of human papillomaviruses.
- Published **four publications** in well-known peer reviewed journals (full publications list in NCBI).
- Gave **four oral presentations** in international conferences and also presented my work in numerous in-house seminars.

Project Experience

Interactive visualization of Estonian medical care spending - *link to visualization*   *November 2016*

- **D3.js** based **interactive** area chart that shows health care spending distribution by age and diagnosis groups.
- **Designed** the graph, **prepared** the data and **wrote** the visualization code.
- It received a lot of **positive feedback** through traditional [1] [2] and social media.

Interactive overview of Estonian Health Insurance Fund budget **-** link to web page   *March 2017*

- A web page with **interactive charts** that gives an overview of EHIF's one billion-euro budget and its changes in recent years.
- **Designed** and **coded** the web page including all the graphics.
- It was **very well received** by the the client (Estonian Health Insurance Fund).

My **portfolio** at **reinson.github.io** contains information about additional projects in the following categories: *2015-2017*
    (1) Data visualization **(2)** Data analysis and machine learning **(3)** Front-end web development

Education

Udacity - *Deep Learning Foundations Nanodegree*	Ongoing
Udacity - *Front-End Web Developer Nanodegree*	March 2017
University of Tartu, Estonia - Molecular biology, Ph.D.	January 2016
Udacity - *Data Analyst Nanodegree*	August 2015