

## CV Attachment #2 – Self-educational course passed by the end of 2016<sup>th</sup>

Here you may see books and resources read/reviewed in the process of a short self-educational course completed by the end of 2016<sup>th</sup> year. The purpose of the course consisted of extending and upgrading my qualification in many fields that I consider important for my current and future career and personal life. This list demonstrates the breadth of vision and ability to enter almost any field quickly.

### Computer science, design, and business:

- “Bioinformatics for Biologists” by Pavel Pevzner, Ron Shamir;
- “Data Science for Business” by Foster Provost, Tom Fawcett;
- “Designing for Emerging Technologies: UX for Genomics, Robotics, and the Internet of Things” by Jonathan Follett;
- “Excursions in Modern Mathematics” by Peter Tannenbaum;
- “Rethinking the Internet of Things” by Francis daCosta;
- “Secret Knowledge of Commercial Illustrators” by Yana Frank;
- “SEO 2016” by Adam Clarke;
- <https://geektimes.ru/> and <https://habrahabr.ru/> - short news articles on the topics of technology and business; <https://www.eff.org/> - news about protecting civil liberties in the digital world.

### Low-level biology and medicine:

- “An Introduction to Genetic Engineering” by Nicholl, Desmond S. T.;
- “Fowler's Zoo and Wild Animal Medicine Current Therapy, Volume 7” by R. Eric Miller, Murray E. Fowler;
- “Introduction to Veterinary Genetics” by Frank W. Nicholas;
- Oxford Handbook of Expedition and Wilderness Medicine;
- Oxford Handbook of Tropical Medicine;
- “The Teenage Brain: A Neuroscientist's Survival Guide to Raising Adolescents and Young Adults” by Frances E. Jensen, Amy Ellis Nutt;
- “Training for the New Alpinism: A Manual for the Climber as Athlete” by Steve House, Scott Johnston;
- <http://shvarz.livejournal.com/> - the blog on topics of virology, medicine, genetics, and academic life.

### General biology and wildlife management:

- “Dragon Songs: Love and Adventure among Crocodiles, Alligators, and Other Dinosaur Relations” by Vladimir Dinets;
- “Jane Goodall: 50 Years at Gombe” by Jane Goodall;
- “Oceanography and Marine Biology: An Introduction to Marine Science” by David W. Townsend;
- “The Biology of Coral Reefs” by Sheppard, Charles R.C.;
- “The Wildlife Techniques Manual” by Nova J. Silvy;
- “Wildlife Restoration: Techniques for Habitat Analysis and Animal Monitoring” by Morrison, Michael L., Krausman, Paul R.;
- “Zoo Animals: Behaviour, Management, and Welfare” by Geoff Hosey, Vicky Melfi, Sheila Pankhurst.

It is not the full list of books I have read in the process of this self-educational course, but I prefer to skip mentioning others for now. In any case they cover the same or close topics.