Daniel J. Cook

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http://www.danjcook.com

Education

Humboldt Universität zu Berlin, Germany

Berlin School of Mind and Brain 10/2014—10/2017

* MSc, Brain Track
* 2017 Einstein Master Award
* Thesis on the role of language in visual & spatial cognition

University of Central Florida, Orlando, FL. 09/2009—12/2013

* Postgraduate Certificate, Cognitive Science
* Research on the foundations of computational cognitive neuroscience

Eckerd College, St Petersburg, FL. 01/2002—01/2007

* B.A., Philosophy*,* Psychology
* Research in clinical social work

Employment

ScienceOpen, GmBH 09/2014—12/2017

Berlin, Germany

* Handling editor & peer review manager for *ScienceOpen Research* (ISSN: 2119-2006)
* Software developer of web-crawlers for publisher websites
* Website content creator & editor for about pages and YouTube tutorial videos (including SEO analysis)
* Management and monthly analytics reports of social platform email-subscriber database
* Manager of email campaigns & Google Analytics data

Freelance developer 04/2017—present

Recent Projects:

* Website & Software development @ www.OhlaLab.de
* Electrophysiology hardware configuration @ the Berlin School of Mind and Brain

Previous Research & Employment

Fraunhofer Institute for Telecommunications, HHI 02/2016—11/2016

EEG LAB, Image Processing & Machine Learning Group,

Berlin, Germany

* Project on EEG signal quality during Virtual Reality head-mounted device stimulation
* EEG experiments on visual perception
* Wiki development
* Data visualization in MATLAB, Python & R-programming
* Set-up of hardware & software
* Image & movie analysis in Python

Computer skill

Python (advanced)

* + Data analysis, machine learning – numpy, scipy
  + Data Visualization – matplotlib, seaborn
  + Databases - Pandas, HDF5, SQLlite
  + Image processing – PIL, ski-kit image
  + Web Scrapping – BeautifulSoup, requests, urllib
  + GUI development – Tkinter
  + EEG Analysis – MNE
  + Brain computer interfaces – labstreaminglayer, wyrm, pyff

R programming (advanced)

* + Descriptive stats and visualization
  + Generalized linear mixed models
  + Generalized estimating equations

Other software (intermediate)

* + Databases - SQL, HDF5
  + Git remote repository management
  + Website theme development in PHP
  + Website development in Ruby on Rails
  + HTML, CSS, JavaScript – Bootstrap, JQuery

Languages

* Native English Speaker
* German (level A2.1 – A2.2)

References

Stephanie Dawson, PhD

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