

Daniel J. Cook

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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, SQLite
- Image processing – PIL, ski-kit image
- Web Scrapping – BeautifulSoup, requests, urllib
- GUI development – Tkinter
- EEG Analysis – MNE
- Brain computer interfaces – labstreaminglayer, wyrn, 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)
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References

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