|  |  |
| --- | --- |
| Daniel J. Cook  My work integrates elements of software construction, data engineering, and scientific research. I am solution oriented, with a passion for writing clean code and concise documentation. I am naturally curious, self-driven, and an independent learner. | Sanderstraße 2  Berlin, 12047  Germany  (+49) 152-5762-4188  cookdj0128@gmail.com |
| EXPERIENCEVisualix GmBH, Berlin — *DevOps Engineer*JAN 2020 - PRESENT Author & maintainer of server provisioning and deployment software for internal usage  Author & maintainer server fault detection and remediation software for internal usage  Prepare customer hardware with packaged images for deployment in production and test servers Helix Cognitive Computing GmBH, Berlin — *Data Scientist*FEB 2018 - DEC 2019 Extracted, aggregated and analyzed Java application log files using Python, Prometheus, Grafana and Google’s mtail  Modeled, simulated, and analyzed a P2P network  Authored, reviewed & edited technical documentation and tech-oriented marketing documents ScienceOpen GmBH, Berlin — *Scientific Editor* OCT 2014 - DEC 2017 Managed over 100 peer reviews on 63 publications in the natural sciences for the journal ScienceOpen Research (ISSN: 2119-2006)  Programmed Python web-crawlers to gather data from competitor websites  Planned, implemented, and tracked sales & marketing KPIs using Google Analytic APIs  Prepared monthly analytic reports on site-traffic behavior in R & Python  Created YouTube tutorial videos for platform users Fraunhofer Institute for Telecommunications, Berlin — *Graduate Student Assistant* FEB 2016 - NOV 2016 Measured the statistical properties of images and movies in Python  Evaluated the perceptible differences of video and image codecs  Conducted psychophysical experiments on visual perception  Tested the statistical differences of neural responses  Investigated the electromagnetic spectrum of VR devices on the quality of acquired brain signals  Configured computer hardware & software for brain computer interfaces Berlin School of Mind & Brain, Berlin — *Research Scientist*MAY 2017 - NOV 2017 Configured electroencephalography (EEG) hardware for neuroscience research  Diagnosed CRT-monitors with color photometry and published model-based corrections  Centralized lab documentation  Customized website theme development EDUCATIONHumboldt Universität zu Berlin, Berlin School of Mind and Brain, Berlin — *Master of Science, Cognitive Neuroscience*OCT 2014 - NOV 2017 Thesis title: "The Effects of Lexical Retrieval and Recursive Arithmetic on the Discrimination of Fractal Patterns" University of Central Florida, Orlando, FL. — *Postgraduate Certification, Cognitive Science*AUG 2009 - JUNE 2012Eckerd College, St Petersburg, FL. — *Bachelor of Arts, Philosophy & Psychology*JAN 2005 - AUG 2007PROJECTSPersonal website — *https://www.danjcook.com* | TECH STACK  * **Linux**, **Python**, **Bash**, Golang, SQL, MongoDB, HDF5, **Ansible**, **Terraform**, **Packer**, **Nginx**, **Haproxy**, **Prometheus**, **Grafana**, **AWS**, Cloud APIs, Docker, **Podman**, **ZMQ**, TCP/IP, UDP, **REST**, **Flask**, Django, Jekyll, Java, Javascript, HTML,  AWARDS **2017 Einstein Master's thesis award from the Berlin School of Mind & Brain** PUBLICATIONS **Cook, D., Martins, M., Villringer, A. (2018). How domain-specific is Merge? In Cuskley, C., Flaherty, M., Little, H., McCrohon, L., Ravignani, A., & Verhoef, T. (Eds.). Proceedings of the 12th International Conference on the Evolution of Language. doi: 10.12775/3991-1.016** LANGUAGES English (Native), German (A2), Turkish (A2) |