

Jeffrey C. Solomon

CONTACT (number omitted) • jeffreycsolomon@gmail.com • Boise, Idaho

PROFESSIONAL EXPERIENCE **Universität des Saarlandes** in Saarbrücken, Germany

Bioinformatics Research Assistant *July 2019 to present*

- Designed, built, and maintained web servers and associated APIs
- Implemented data processing and analysis workflows

Vacasa in Boise, Idaho

Associate Data Scientist *August 2017 to September 2018*

Revenue Analyst *October 2016 to August 2017*

Junior Revenue Analyst *April 2016 to October 2016*

Analyst Intern *January 2016 to April 2016*

- Developed and improved machine learning models using Python and AWS
- Designed Python and SQL scripts for data analysis and reporting purposes

Schweitzer Engineering Laboratories in Pullman, Washington

PC Test Intern *June 2012 to August 2013*

- Designed and implemented a suite of automated UI tests to verify end-user interactions and software functionality

TECHNICAL SKILLS **Programming languages:** Python, Javascript, C++, R

Tools/Frameworks: Django, React, PostgreSQL, Docker, Git

EDUCATION **Universität des Saarlandes** in Saarbrücken, Germany

M.S. Bioinformatics (in progress) *April 2019 to present*

The University of Idaho in Moscow, Idaho

B.S. Computational Mathematics *May 2015*

B.S. Psychology *May 2015*

Minor: Computer Science *May 2015*

Minor: Statistics *May 2015*

- University Honors Program

Hochschule Rhein-Waal in Kleve, Germany

Bioengineering Coursework *September 2018 to March 2019*

PUBLICATIONS ***Biomolecules***

- Solomon et al. [HumiR: Web Services, Tools and Databases for Exploring Human microRNA Data](#) *November 2020*

Nucleic Acids Research

- Kern et al. [miEAA 2.0: integrating multi-species microRNA enrichment analysis and workflow management systems](#) *May 2020*

VOLUNTEER EXPERIENCE **International Rescue Committee** in Boise, Idaho

Housing Assistant *March to September 2018*

- Assisted with clerical work to help establish housing for refugees