Charles Tapley Hoyt, Ph.D.

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Interests

Systems and Networks Biology, Cheminformatics, Machine Learning, Knowledge Graphs, Network Representation Learning, Proteochemometrics, Target Prioritization, Drug Repositioning, Pathway Analysis

Work

2020 **Computational Biologist**, *Enveda Biosciences*, San Francisco, CA, USA (remote).
2018–19 **Lecturer**, *University of Bonn*, Bonn, Germany.
2016–19 **Research Fellow**, *Fraunhofer SCAI*, Sankt Augustin, Germany.
2012–15 **Teaching Assistant**, *Northeastern University*, Boston, MA, USA.
2014 ***in Silico* Lead Discovery Co-op**, *Novartis*, Cambridge, MA, USA.
2013–14 **Molecular Informatics Internship**, *Pfizer*, Cambridge, MA, USA.
2013 **Post-Selection Chemistry Co-op**, *GlaxoSmithKline*, Waltham, MA, USA.
2012 **Research Assistant**, *Pollastri Laboratory, Northeastern University*, Boston, MA, USA.

Education

2018–19 **Doctor of Philosophy**, *Computational Life Sciences*, University of Bonn, Germany.
2015–17 **Master of Science**, *Life Science Informatics*, University of Bonn, Germany.
2011–15 **Bachelor of Science**, *Chemistry*, Northeastern University, USA.

Affiliations

2017– OpenBEL Consortium
2016– Erasmus Student Network
2011– American Chemical Society
2020 CoronaWhy

Spoken Languages

English (Native)
German (Limited working proficiency)

Programming Languages

Python, Bash, Fish, R, Java, SQL, SPARQL, Cypher, Javascript, HTML, CSS, XPath, Docker, LaTeX

Projects

PyBEL, *An ecosystem for biological knowledge graphs in BEL.*
`https://github.com/pybel`

BEL Commons, *Interactive exploration and analysis of biological knowledge graphs.*
`https://github.com/bel-commons`

PyKEEN, *Learning, evaluation and applications of knowledge graph embeddings.*
`https://github.com/pykeen/pykeen/`