

Jacob Reinhold

CONTACT INFORMATION

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Website: <https://jcreinhold.github.io>

EDUCATION

Johns Hopkins University

Ph.D., Electrical Engineering

Expected **May 2022**

Johns Hopkins University

M.S.E., Electrical Engineering

Expected **December 2019**

The University of Texas at Austin

B.S., Electrical Engineering

December 2016

PROGRAMMING EXPERIENCE

Languages: Python, Julia, Haskell, C

Tools: Linux/Unix, Git, \LaTeX , MATLAB, Mathematica, Docker, Singularity

RESEARCH & PROFESSIONAL EXPERIENCE

Johns Hopkins University

Baltimore, MD

Graduate Research Assistant

Aug 2017 – Present

- Research and publish papers on data normalization, anomaly detection, and image translation techniques for MR and CT images.
- Develop machine learning and statistical python packages for image processing and analysis using scikit-learn and PyTorch.

Applied Research Laboratories, UT Austin

Austin, TX

Engineering Scientist Associate

Nov 2014 – Jun 2017

- Worked on a team delivering scientific software to various stakeholders.
- Created python packages using NumPy, SciPy, and Matplotlib.

Biomedical Informatics Lab, The University of Texas at Austin

Austin, TX

Undergraduate Research Assistant

May 2016 – Aug 2016

- Supported scientific research in the field of medical imaging using MATLAB
- Wrote scientific papers and presentations

US Marine Corps Reserves

Platoon Sergeant

Feb 2010 – Oct 2015

- Meritoriously promoted to manage and advise over 20 junior Marines

HONORS & AWARDS

Ferdinand Hamburger Jr. Fellowship (2017-2018)

Raytheon-SVA Scholarship (2016)

Frederic and Julia Weigl Scholarship (2016)

Jean Perkins Combat Veteran Scholarship (2015)

Jerry A. and Martha Lel Hawkins Endowed Scholarship (2014-2015)