Jacob Reinhold

CONTACT INFORMATION	Email: jacob.reinhold@jhu.edu 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, C
Tools: Linux/Unix, Git, LaTeX, MATLAB, Mathematica, Docker, Singularity

RESEARCH & PROFESSIONAL EXPERIENCE

Johns Hopkins University — Baltimore, MD
Gradaute Research Assistant — **Aug 2017 – Present**
- Research and publish papers on domain adaptation, anomaly detection and segmentation, 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)