Jacob Reinhold

CONTACT INFORMATION

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EDUCATION

Johns Hopkins University

Ph.D., Electrical Engineering   Expected **May 2022**

Johns Hopkins University

M.S.E., Electrical Engineering   **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)