

## Josiah Park

---

CONTACT INFORMATION	Lawrence Berkeley National Laboratory Applied Mathematics and Computational Research Division 1 Cyclotron Rd, Berkeley, CA 94720 jmpark[at]lbl[dot]gov <a href="https://josiahpark.github.io/">https://josiahpark.github.io/</a> <a href="#">Google Scholar</a>
RESEARCH INTERESTS	I am currently interested in problems related to (deep) learning, signal processing, and optimization that utilize mathematical tools from convex optimization, harmonic analysis, and functional analysis.
EMPLOYMENT	<b>Lawrence Berkeley National Laboratory, Berkeley, CA</b> Postdoctoral Researcher, Math for Experimental Data Analysis January 2023 – present  <b>Texas A&amp;M University, College Station, TX</b> Visiting Assistant Professor, Mathematics Department August 2020 – December 2022 Mentor(s): Ronald DeVore and Simon Foucart
EDUCATION	<b>Georgia Institute of Technology, Atlanta, GA</b> Ph. D., Mathematics, (August 2020) Advisor(s): Christopher Heil and Michael Lacey  <b>University of South Florida, Tampa, FL</b> M.A., Mathematics, (May 2016) B.A., Mathematics, Magna Cum Laude, (May 2014)
QUALIFICATIONS	<b>Computer Languages and Environments:</b> Experience with C++, CUDA, Django, Keras, Magma, Maple, Mathematica, Matlab, PostgreSQL, Python, Pytorch, React, SQL, Tensorflow.  <b>Other:</b> Expertise in disseminating research through publications, electronic resources, and talks. Mentoring and teaching experience on commercially important technologies within public university systems. Proficiency in development and implementation of novel algorithms for scientific applications. Experience with high performance computing environments and database management.