

Will Wright

CONTACT

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Did the child have a seizure?

EDUCATION

August 2019

Emphases:

- Large-scale

- 2015-2016 - *SIAM Student Chapter President*

June 2013

2011 - Sabharwal Scholarship

June 2009

Dec 2006

INTERNSHIP

June - Dec 2016

PROFESSIONAL EXPERIENCE

2011 - 2013

2010 - 2011

2009 - 2010

2007 - 2008

RESEARCH PROJECTS

- developed a *faster algorithm* than the *original algorithm*

- developed a *new method* for computing adjacency matrix, requiring $\mathcal{O}(\text{pixels})$ ops vs $\mathcal{O}(\text{pixels}^2)$ in *scikit-image*



- developed efficient numerical methods to optimize a recent *phase retrieval algorithm*

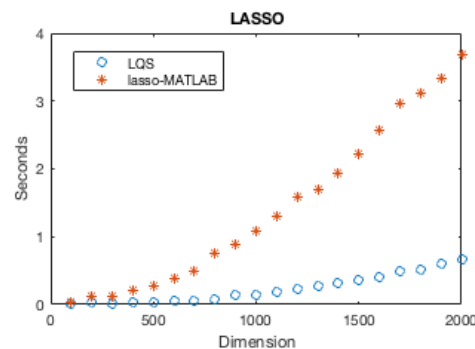
- decreased computational costs and *runtime* by 50-90%
- demonstrated this algorithm is *more accurate* than a highly-cited *competitor algorithm*

- *Qualifying exam proposal* proved the equivalence of two recent methods (*smoothing* and *Lagrangian*)
- *demonstrated* this method (LQS, right) scales better than built-in MATLAB software

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SOFTWARE SKILLS

Intermediate C++, Git, Julia



INTERESTS

Running, brewing beer, boardgames, guitar, audiobooks and podcasts (e.g., the Expanse, Stormlight Archive, Freakonomics)