

# Benjamin Bolte

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## Employment

### Software Engineer, Intern

### Facebook Core Machine Learning, Summer 2017

- Built tools for automatically evaluating and deploying objectionable content classifiers
- Tripled model refresh rate and eliminated several hours of manual work per refresh

### Software Engineer, Intern

### Google Handwriting Recognition, Fall 2016

- Improved mixed-script online handwriting recognition for Chinese-English and Devanagari-English language pairs
- Trained a Generative Adversarial Network for producing handwriting using recurrent neural networks with attention components (to attend to the desired text)

### Software Engineer, Intern

### Amazon India Invoicing, Summer 2016

- Built three APIs for interacting with the existing India invoicing service
- Built a web framework for helping product managers answer customer questions and solve bugs
- Diagnosed and fixed a Sev 2 which affected millions of dollars in transactions

## Education

- **M.S. in Computer Science and Mathematics** Emory University, advised by Avani Wildani
- **B.S. in Computer Science and Mathematics** Emory University, GPA: 3.84

December 2017

December 2017

## Awards

- **Reinforcement Learning Summer School, MILA** One of 225 accepted from 1130 applicants 2017
- **Facebook Hacker's Cup** Got to Round 2, one of 2299 worldwide 2016
- **Dean's Achievement Scholarship** Top undergraduate merit award 2014
- **Computational Neuroscience Training Grant** NIH Blueprint Grant for studying computational neuroscience 2014

## Academic

- **Community-based benchmarking improves spike inference from two-photon calcium imaging data** 2017  
A bunch of people. DOI: 10.1101/177956
- **Deep Language Modeling for Question Answering using Keras** Pydata Carolinas 2016  
*B. Bolte*. YouTube ID: bvZnphPgZ74
- **FPAA Demonstration Controlled through Android-Based Device** ISCAS 2016  
*B. Bolte, S. Shah, S. Kim, P. Hwang, and J. Hasler*

## Projects

Consult [github.com/codekansas](https://github.com/codekansas)