

# Rohan Chandra

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## EDUCATION

**University of Maryland**, Philadelphia, PA, USA

- M.S. in Computer Science
- Cumulative GPA: 3.837 / 4.000

Aug 2016 – May 2018

**Delhi Technological University**, New Delhi, India

- B.Tech. in ECE
- Cumulative GPA: 70.22 / 100.00
- Last 2 years GPA: 80.00 / 100.00

Aug 2012 – May 2016

## RESEARCH EXPERIENCE

**University of Maryland**, College Park, MD, USA

- Graduate Research Assistant, Computer Science Dept
- Research: Non-Convex Optimization
- Supervisors: Dr. Tom Goldstein
- Focus: Low rank matrix recovery, Phase Retrieval

Apr 2017 – Present

## PUBLICATIONS

### JOURNALS

- [1] Arthur Benjamin, Rohan Chandra, “Multiplying by 9,” *The College Mathematics Journal*, vol.47, no. 4, pp. 281, Sep 2016.
- [2] Rashika Anurag, Neeta Pandey, Rohan Chandra, Rajeshwari Pandey, “Voltage Mode Second Order Notch/All - Pass Filter Realization Using OTRA,” *i-Manager’s Journal on Electronics Engineering*, vol. 6, no. 2, pp. 22–28, Dec 2015.

### CONFERENCES

- [3] Rohan Chandra, S Grover, K Lee, M Meshry, A Taha, “Texture Synthesis with Recurrent Variational Auto-Encoder,” in *arXiv Preprint*, Dec 2017.
- [4] Rohan Chandra, Ziyuan Zhong, Justin Hontz, Val McCulloch, Christoph Studer, Tom Goldstein, “Phasepack: A Phase Retrieval Library,” submitted to *IEEE Proceedings of the 51st Asilomar Conference on Signals, Systems and Computers*, Asilomar, CA, USA, Nov 2017.
- [5] Rohan Chandra, Ziyuan Zhong, Justin Hontz, Val McCulloch, Christoph Studer, Tom Goldstein, “Phasepack User Guide,” in *arXiv Preprint*, Nov 2017.

## ACHIEVEMENTS & STRENGTHS

- Top Writer on Quora in mathematical optimization category
- State level chess player
- Speed math
- Published a number of techniques for speed arithmetic without paper and pencil.

## PROFESSIONAL SERVICE

**Dept of computer science, UMD**,  
College Park, MD, USA

- Application Reviewer for graduate school admissions.

2016 – Present

## TECHNICAL SKILLS

L<sup>A</sup>T<sub>E</sub>X, MATLAB, Python, C++,

## INTERESTS

Chess, Academia, Mental Math, Dragonballz.

## REFERENCES

- **Dr. Tom Goldstein**  
Assistant Professor of Computer Science  
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