

# Hitesh Tolani

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## Education

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Masters in Bio-Mathematics, NC State University *July 2018*  
Bachelor of Science in Mathematics, University of Utah *August 2015*

## Computing Skills

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**Programming fluency** : R, Matlab  
**Programming ability** : C, C++, Java, Python, SAS  
**Operating systems** : Windows, Linux, OSX  
**Productivity software** : ViM, L<sup>A</sup>T<sub>E</sub>X, Microsoft Office Suite

## Analyst Experience

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### Analyst, Global Investment Research

Goldman Sachs, Salt Lake City, Utah *December 2015 - February 2016*

- Helped analyst teams and:
  - Addressed client requests for analyst team financial models.
  - Improved data quality for financial models.
  - Managed Quantum database queries and performed regular quality reviews.

## Research and Teaching Experience

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### Graduate Student Researcher

*May 2017 - July 2018*

North Carolina State University

- Examined polymorphisms present in trinucleotide repeats in the human genome.

### Post Baccalaureate / Undergraduate Researcher

*August 2014 - December 2015*

University of Utah

- Examined effects of human contact networks on influenza outbreaks in Utah's schools.

### Lecture Assistant

*August 2016 - July 2018*

North Carolina State University, Dept. of Mathematics

- Fostered student learning via. learning activities, reviewing concepts, solving problems and grading exams.

### Tutor/Grader

*August 2014 - July 2016*

Mathematics Student Center, University of Utah

- Assisted students in mastering concepts from undergraduate mathematics courses, on a walk-in basis.

## Project Management Experience

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### Production manager, Short Film production

Pitara Studios, Indore, India

*January 2008 - December 2009*

- Facilitated smooth operations in short-film production:
  - Coordinated shooting schedule.
  - Managed production finances.

## Awards

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### Undergraduate Summer Program on Boundaries and Dynamics

*May 2015*

- Sponsorship from the Center for Mathematics at Notre Dame and the National Science Foundation.