

Instructor

Spring 2019

Stony Brook MAT696: Computational tools and techniques for STEM

Class Size: 10 graduate students

- Developed course material and assessment strategy
- Solely responsible for all course content including developing lectures

Summer 2010

IIPM Gurgaon (India): Business Mathematics

Class Size: 15 undergraduate students

- Taught business mathematics to first year students
- Adapted existing course materials for lectures

Teaching Assistant

Fall 2011/Spring 2012/Fall 2012

Stony Brook BUS 220: Introduction to Decision Sciences

Class Size: Two sections, 100+ undergraduate students

- Held office hours
- Graded assignments and exams
- Managed undergraduate TAs
- Presented lectures as needed

Workshops

July 20-31, 2020

**Institute for Advanced Computational Science (IACS), Stony Brook University
Programming Summer Camp for High School Students: IACS Computes!**

Size: 16 high school students

- Ran intensive [Python computing workshop](#) (5 days/week, 6 hours a day)
- Curated structure of workshop from previous years and adjusted as necessary for remote learning due to pandemic restrictions
- Managed a Helper/TA who assisted with lectures and interactive exercises
- Provided course material on a [github repository](#)

April 13, 2019

IACS, Stony Brook University: [A Practical Introduction to Debugging](#)

Size: 10 undergraduate/graduate students

- Co-organized and ran a 1 day workshop (8 hours)
- Assisted with presentation of material and interactive exercises
- Provided course material on a [github repository](#)

Jan 20-21, 2020

Institute for Advanced Computational Science (IACS), Stony Brook University

Introduction to Python Programming (Helper)

Size: ~30 graduate students

Feb 16-17, 2019

Institute for Advanced Computational Science (IACS), Stony Brook University

Software Carpentry Workshop on Unix Shell, Git and Python (Helper)

Size: ~30 graduate students

Outreach

Spring 2017 - Current

Sustainable Horizons Institute: [Webinar series](#)

Size: 40-80

- Point person for managing webinar series geared towards students and early career professionals
- Arrange and coordinate speaker schedules and assist in topic selection
- Help tailor material for broad audience with mixed backgrounds and interests
- Hold practice sessions and test exercises to provide feedback
- Hold pre-webinar “office hours” to help participants download and install software
- Apply and manage educational allocations and user accounts on supercomputing cluster
- Webinars provide short introductory lectures on useful tools for research in computational fields
- Sample Topics: Visualization, machine learning, GPUs, etc.