




Michael A. Vicente

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Education:

Stony Brook University, New York

Bachelor of Science, Expected May 2021

Double Major: Computer Science and Applied Mathematics and Statistics

Current GPA: 3.53

Awards: Dean's List

Connetquot High School, New York

Regents diploma with advanced designation, 2018

GPA: 4.0

Notable Accomplishments: Top 10% Class, Honor Society board member, Science Olympiad President, FIRST Robotics team member, Programming club member in founding year.



Related Courses:

>*Survey of Probability and Statistics*: A survey of data analysis, probability theory, and statistics. I learned how to analyze statistical sets and perform crucial operations. Stony Brook University, AMS 310 Winter 2019

>*Probability Theory*: More in-depth analysis of probability. Understanding of probability spaces, random variables, moment generating functions. Stony Brook University, AMS 311 Summer 2019

>*Operations Research, Deterministic Models*: Linear programming with a view toward its uses in economics and systems analysis. Stony Brook University, AMS 341 Summer 2019

>*Technical Communications*: Upper division writing. In this course you learn how to write for a business and professional settings. Stony Brook University, CSE 300 Fall 2019

>*Introduction to Data Science*: Introduced to both theoretical concepts and practical approaches to extract knowledge from data. Using large data sets collected from real-world problems This course helped me to use state-of-the-art tools for data analysis, such as Python and its scientific libraries (tensor-flow). Stony Brook University, CSE 351 Summer 2019

>*Analysis of Algorithms*: Mathematical analysis of a variety of computer algorithms including searching, sorting, matrix multiplication, fast Fourier transform, and graph algorithms. Stony Brook University, CSE 373 Fall 2019



Work Experience:

Mathnasium of Sayville, New York

February 2018 – Present (part time)

Job Title: Instructor

Responsibilities: Tutor students (primarily k-12) in mathematics.

Applicable skills gained: Communication skills, Professional etiquette, Patience and problem solving skills

Fundraiser Data Designee

September 2017 – May 2018

Job Title: Student Data Manager

Tools Used: Microsoft Excel, Word

Responsibilities: For honor society fundraisers I computed all sales data and generated data sheet to report profits and statistics on sales we generated. This position was voluntary.



Technical Skills:

- Java
- Ocaml
- Visual Basic
- Python
- Swift/Dart (Flutter)
- Microsoft Excel
- Microsoft Word
- Google Docs
- Google Sheets
- MIPS Assembly