

# Justin Brian Angelastro

• [jba343@nyu.edu](mailto:jba343@nyu.edu)

## Education

**New York University**, New York, NY

*Bachelor of Arts, May 2020*

**Majors:** Mathematics and Computer Science

**GPA:** 3.80

**Honors:** Dean's List 2016-present, College of Arts and Sciences Presidential Honors Scholar

**Relevant Coursework:** Theory of Probability, Real Analysis, Calculus III, Linear Algebra, Basic Algorithms, Operating Systems, Computer Systems Organization, Data Structures, Mathematics of Finance

**Programming Languages and Skills:** Java, C, C++, Objective-C, Lua, Python, Swift, Xcode, Linux/UNIX, Apache Spark, AWS, Git

**Ocean City High School**, Ocean City, NJ

**GPA:** 4.73/5

*High School Diploma, June 2016*

**Class Rank:** 10/287

**ACT:** 33

**SAT:** 2140 (Math 780, Reading 670, Writing 690)

**APs:** Calculus AB, Calculus BC, Statistics, Computer Science, Chemistry, Physics A, US History

**Honors:** AP Scholar with Honors, Distinguished Honors, National Honor Society

Select Choir Vice President, Drama Guild Member, Marching Band Sergeant at Arms

## Skills

### • Programming and App Development

- Independently developed an iPhone application, iTap Hand+Eye, in **Objective-C** with Xcode and published it on the Apple App Store.
  - Researched and applied Objective-C techniques to create an interactive and entertaining game for the iOS market.
  - Storyboarded and designed from the ground up the UI/UX design with an eye towards simplicity for the consumer.
  - Handled the legal and certification ends for the application during the release phase, communicating with Apple to ensure standards and expectations were met.
  - Successfully released the application worldwide, and attracted an estimated 2,000 downloads.
- Proficient in various computer programs such as Excel, Word, and PowerPoint.

### • Quantitative Reasoning

- Well versed in in multiple mathematical fields including algebra, trigonometry, and calculus.
- Superb pattern analysis skills, with the ability to reduce complex equations or patterns into a more concise and readable result.
- Independently and cooperatively worked on the analysis and modeling of multi-variable equations in applications such as surface modeling, vector field analysis, and matrix simplification.

### • Leadership

- National Honor Society, *Corresponding Secretary (2016)*
  - Led in the creation and distribution of meeting reminders so as to inform other members of upcoming meetings.
  - Played an integral role with other cabinet members in ensuring completion of society operations.

### • Language

- Familiar with Spanish; Proficient in Japanese.

## Work Experience

### • Amazon, Sunnyvale, CA, 2019

*Software Development Engineer Intern*

- Designed and implemented new software features, such as a service health indicator, in **Java** and **Apache Spark**. Documented these design patterns and features on internal wiki for ease of knowledge transfer.
- Wrote extensive unit tests using Java based assertions and Mockito to ensure the durability and accuracy of the implemented solutions.
- Tested and deployed solutions on a Terraformed EMR cluster, ensuring cluster health and performance through the use of Cloudwatch metrics, EC2 hardware monitors, and program output from S3.
- Contributed to daily standup and weekly sprint planning sessions while adhering to Agile methodologies.

### • New York University, New York, NY, 2018-present

*Tutor, NYU University Learning Center*

- Assisted and mentored students through the university with various homework and projects in topics such as Mathematics, Computer Science, Writing, and Economics.