DONALD BRUSCA

12 Constant Avenue, Staten Island NY 10314 ● (718) 442-0533 ● (646) 643-0533 ● donbrusca@gmail.com

EDUCATION

PD, EDUCATIONAL ADMINISTRATION AND SUPERVISION   3.88 GPA, 2006
St. John's University   *Staten Island, NY*

MA, COMPUTER AND INFORMATION SCIENCE   3.50 GPA, 1994
Brooklyn College   *Brooklyn, NY*

BS, MATHEMATICS   3.62 GPA, 1987
Brooklyn College   *Brooklyn, NY*

CERTIFICATION

Permanent NYS Teaching, Mathematics 7-12   1997
Provisional NYS School Administrator and Supervisor (*expired*)   2006

TECHNICAL SKILLS

HTML, CSS, JavaScript, jQuery, PHP, SQL, Perl, C++, VBA, etc.
Microsoft Office, Corel, and Adobe products
Blackbaud Education Edge and PowerSchool SIS

EMPLOYMENT

PRESIDENT / AUTHOR   2013 - PRESENT
CourseWorkBooks, Inc. <courseworkbooks.com>   *Staten Island, NY*
- Publishing high school math workbooks, including digital editions
- Authored Algebra I, Geometry, Algebra II, and AP Statistics Course Workbooks
- Designed proprietary e[Work]Books software to allow writing/drawing on pages
- Created "Mock" Regents exams and offered scoring and item analysis services

MATH / COMPUTER TEACHER   2019 - 2020
St. Joseph Hill Academy High School   *Staten Island, NY*
- Taught Regents Geometry and Algebra II and AP Computer Science classes
- Created daily video lessons for remote instruction during COVID pandemic
- 96% of students earned a 3+ on the AP CSP exam, with a mean score of 3.92

DIRECTOR OF STUDENT DATA SYSTEMS MANAGEMENT   2012 - 2019
Williamsburg Charter High School   *Brooklyn, NY*
- Directly supervised Managers of Accountability, SNAS Compliance, and Data
- Coordinated entire scheduling process in collaboration with counselors and APs
- Maintained official school and student statistics for internal and external reporting
- Provided data analysis to support the planning and goals of administrative staff
- Migrated data from Blackbaud Education Edge to PowerSchool SIS
- Created and maintained the school website
- Served as the mathematics department leader (2018-19)
- Co-managed the school baseball team (2017-19)

ADJUNCT COMPUTER SCIENCE INSTRUCTOR (P/T)   2013 - 2015
Touro College Graduate School of Technology   New York, NY
- Developed and taught graduate course in web development

MATH TEACHER (P/T)   2011 - 2012
Yeshiva Tiferes Yisroel   Brooklyn, NY
- Taught Regents Integrated Algebra to ninth graders
- Over 85% of students passed, with more than 75% earning at least an 80

DATA MANAGER   2010 - 2012
Believe High School Network   Brooklyn, NY
- Maintained and reported official statistics for CMO of three charter high schools

MATH TEACHER   2009 - 2010
Williamsburg Charter High School   Brooklyn, NY
- Taught Regents Integrated Algebra review classes to repeaters
- Created application in Perl to facilitate process of assigning substitute teachers

ACADEMIC DEAN / MATH CHAIRPERSON   2007 - 2009
Professional Business College   New York, NY
- Supervised department chairpersons
- Chaired mathematics department; taught mathematics courses
- Advised students regarding academic programs and authorized program changes
- Created new master schedule of classes every two months
- Directed Institutional Effectiveness Plan for ACICS accreditation renewal

ENGLISH TEACHER   2006 - 2007
St. Joseph by-the-Sea High School   Staten Island, NY
- Taught English grammar and composition in a computer lab setting

ADJUNCT COMPUTER SCIENCE INSTRUCTOR (P/T)   2005 - 2006
Pace University   New York, NY
- Taught HTML, JavaScript and Excel in core classes with some remote learning

TECHNOLOGY COORDINATOR   2002 - 2005
St. Joseph Hill Academy High School   Staten Island, NY
- Guided faculty in academic technology integration
- Supervised student laptop maintenance program
- Taught Regents Mathematics A and web programming classes

MATH / COMPUTER / BUSINESS TEACHER   1989 - 2002
Bishop Kearney High School   Brooklyn, NY
- Taught classes in Regents mathematics, AP Computer Science A, and business
- Supervised the SIS, provided staff development, and created a user manual
- Assisted AP Academics with scheduling, grade reporting, and student records
- Moderated student newspaper; moved to in-house computer design
- Designed the school's transcript, course description book, and first website

ADJUNCT COMPUTER SCIENCE INSTRUCTOR (P/T)   1991 -1996
Brooklyn College, CUNY   *Brooklyn, NY*
- Taught programming, data structures, discrete math, and computer architecture

SUMMER SCHOOL MATH TEACHER   1989 - 1990
Xaverian High School (Summer 1990)   *Brooklyn, NY*
Bishop Loughlin High School (Summer 1989)   *Brooklyn, NY*

MATH TEACHER   1988
Abraham Lincoln High School   *Brooklyn, NY*
- Taught Sequential I Regents and remedial math classes

COMPUTER PROGRAMMING TEACHER   1987 - 1988
William McKinley JHS 259   *Brooklyn, NY*
- Taught BASIC programming in a TRS-80 computer lab

OTHER OCCUPATIONS

BASEBALL UMPIRE   2014 - PRESENT
SIBUA; NJSIAA; TSEUA; USABL   *Staten Island, NY*
- Certified professional umpire for amateur baseball
- Worked PSAL Varsity State Playoffs and CHSAA JV Championship

PRESIDENT / DJ   1997 - 2009
Sound Sensation   *Brooklyn and Staten Island, NY*
- Provided mobile disc jockey services for hundreds of weddings and private events
- Published *BPM List*, a music reference guides for disc jockeys

EDITORIAL ASSISTANT   1986 - 1993
Brooklyn College, CUNY   *Brooklyn, NY*
McAloon, Ken and Carol Tretkoff. *Optimization and Logic*. 1993.
Hennefeld, Julien. *Using Turbo Pascal*. 1989.
Hennefeld, Julien. *Using Microsoft and IBM BASIC*. 1987.

VOLUNTARY

ASSISTANT JV BASEBALL COACH, PSAL   2005 - 2014
McKee / Staten Island Tech (MSIT)   *Staten Island, NY*

MEMBERSHIPS

- American Mensa (since 1987)
- Math Teachers: AMTNYS, ATMNYC
- Sports Officials: NASO
- Animal Protection: ASPCA, HSUS