

BEN MYERS

benl.myers01@gmail.com

561-374-4627

PROFILE

As an avid learner and problem-solver, I love to focus most of my time and energy into the things I'm passionate about: Coding programs on the computer, exploring unique concepts in mathematics, and creating wonderful music.

EDUCATION

Dreyfoos School of the Arts · Vocal Major · 4.0 GPA · 5.037 HPA · 33 ACT · 1510 SAT

9th	11th	12th
AP Human Geography (4)	AP Calculus BC (5)	AP U.S. Government
10th	AP Physics I (4)	AP Physics II
AP Calculus AB (5)	AP Computer Science A (5)	AP Microeconomics
AP Music Theory (5)	AP U.S. History (3)	AP Physics C
AP World History (3)	AP English Language and Comp. (5)	D.E. Calculus 3 w/ Analytic Geometry
	AP Statistics (5)	

MUSIC

- Florida All-State
 - Reading Chorus 2018, 2019, accepted for 2020
- Palm Beach County All-District
 - Mixed Chorus 2019
 - Men's Day 2018, 2019
- Honors Performance Series
 - Carnegie Hall 2016, 2018, 2019
 - Sydney Opera House 2018
- Solo Repertoire
 - 23 songs in English, Italian, French and German
- Heritage Festival
 - Chicago, IL 2018 (1st place)
 - Atlanta, GA 2019 (1st place)
 - Accepted for New York, NY 2020
- American Choral Director's Association
 - October 2017, 2018, 2019
- District/State Musical Performance Assessments
 - Superior ratings since 2017
- Prism at Dreyfoos
 - Backstage Crew 2017, 2018
- Electronic Music Producer / Cover Artist
 - Active YouTube channel hosting original music and covers for songs since 2017
 - Proficient in Ableton Live, Logic Pro X
 - Using DDJ-SB3, Serato DJ Pro
 - Member of a 3-person band producing electronic music; releasing on all platforms Oct. 26

PROGRAMMING

- Self-teaching coding languages
 - Expert in Processing coding language; self-teaching since 2016
 - Expert in Java, Python; self teaching since 2018
 - HTML, CSS, and JavaScript self-teaching since 2017
 - Unity and C# self-teaching since 2017
 - Xcode 10/Swift 4 self-teaching since 2018
 - C++ and Arduino self-teaching since 2019
 - Using React Native since 2019
- Tutoring
 - Tutored current computer science freshman in Java 2017-2018

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- Calculus AB and Statistics Tutor 2019
- iPhone Apps
 - Created a currently running application for the iPhone App Store called “Chest Quest” using UIKit
 - Created a currently running application for the iOS App Store called “Sword Slingsers” using SpriteKit
 - Creating a news app for Dreyfoos’ school magazine for iOS and Android using React Native
- Website Editor
 - Website editor for firstplayinfanttherapy.com by Janet Courtney

MATHEMATICS

- American Mathematical Competition
 - Participated in 2018, 2019 competitions
- Math Honor Society
 - Co Vice-president 2018-2019
 - President 2019-2020
- Formalized math papers
 - Formalized paper “Toeplitz and the Square Peg Conjecture”
 - Currently formalizing “Topic In Versatile Trigonometry”
 - Currently formalizing “Relationships of Derivatives within Parametric Equations”
 - Formalized proof “Toeplitz and the Square Peg Conjecture: A Proof”
- Science Fair
 - 2nd Place winner for Math and Computer Operations category of Palm Beach District Science Fair 2018 for project “Toeplitz and the Square Peg Conjecture”
 - 6th Place winner for Math and Computer Operations category of Florida State Science Fair 2019 for project “Toeplitz and the Square Peg Conjecture”

AWARDS

- Most Outstanding Award for Freshman Vocal 2017
- Most Outstanding
 - Calculus AB 2017-2018
 - Honors Chemistry 2017-2018
- Principal Award (straight A’s) 2017-2018, 2018-2019

WORK

- Working at Publix Supermarkets since 2016
 - Front Service Clerk 2016-2017
 - Cashier 2018
 - Customer Service Staff 2019

EXTRA-CIRRICULARS

- Explo at Yale
 - Music Production, Game Theory, Programming with Processing
 - Stanford Pre-Collegiate Summer Institutes
 - Participated at Stanford Campus studying Artificial Intelligence in summer 2019
 - Coding Club
 - Founder of Coding Club since 2016
 - Tennis
 - Tennis Club since 2017
 - Guitar
 - Guitar Study 2016-2018
 - Martial Arts
 - Red Belt, 1 stripe in Taekwondoe
 - Missions/Community Service
 - Mission Trip to Cuban churches 2018
 - Big Brother/ Big Sister Program 2019
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