

# Stephen Hunter Barbella

Syosset, NY | (516) 647-9368 | shbarbella@gmail.com

---

## Education

**Vanderbilt University**, Nashville, TN  
Bachelor of Science, Computer Science

May 2021

**Minor:** Engineering Management

**Major and Minor GPA:** 3.63/4.00

**Selected Completed Coursework:** Intermediate Software Design, Computer Organization, Program Design and Data Structures, Computers and Ethics, Methods of Linear Algebra, Multivariable Calculus, Introduction to Probability and Statistics, Physics II, Material Science I, Digital Logic, Applied Behavioral Science

**Selected in Progress Coursework:** Programming Languages, Discrete Structures, Principles of Operating Systems I, Technology Strategy

**Syosset High School**, Syosset, NY

June 2017

**Final GPA:** 98.5/100

**Selected Coursework:** Advanced Placement (AP) Computer Science, AP Calculus BC, Math Theory Honors, AP Physics C, AP Physics I, AP Italian, AP Microeconomics, AP Macroeconomics, AP English Literature

**Selected Extracurriculars:** Syosset Rowing Club Varsity Captain, Varsity Swim Team, Tri-M Music Honor Society, Italian Honor Society Officer, Academic Quiz Bowl, Stage Band, Marching Band, Photography Club

## Professional Experience

**Saavn LLC**, New York, NY

July 2018 – August 2018

*Strategy and Operations Intern*

- Assisted the Chief Operating Officer and the Chief Executive Officer with research
- Audited business plans and helped implement the OKR Framework
- Researched software solutions for streamlining operations
- Created a weekly strategy newsletter for C Level employees

**Saavn LLC**, New York, NY

August 2016

*Product Development Intern*

- Researched into possible integrations with new technologies
- Worked with PHP and Python to automate tasks for the Vice President of Product
- Built a proof of concept web app for a potential product

## Leadership Experience

**Vanderbilt Free and Open Source Society**, Nashville, TN

May 2018-Present

*Cofounder and Treasurer*

- Chartered the club and helped manage the funds of the organization
- Assisted in educating new members about free and open source software and hardware
- Contributed to open source software

**Phi Kappa Sigma Fraternity, Inc.**, Nashville, TN

January 2018 - Present

*Founding Father and Recruitment Chair*

- Recruited new members and establish the fraternity on campus
- Organized various volunteering events throughout the year

## Technical Skills

- Proficient in C++, Java, Python, HTML, CSS, PHP, Arduino Programming Language, Bash, and BATCH
- Proficient in Microsoft Word, Microsoft Excel, git, GDB, Travis-CI, and GitHub
- Competed in Vandy Hacks IV and Vandy Hacks V
- Can work in a Linux, BSD, Mac OS, or Windows environment
- Conversant in the Italian language