

Stephen Hunter Barbella

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Education

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

May 2021

Minor: Engineering Management

Major GPA: 3.65/4.00

Selected Completed Coursework: Program Design and Data Structures, Computers and Ethics, Methods of Linear Algebra, Multivariable Calculus, Introduction to Probability and Statistics, Physics II, Material Science I

Selected in Progress Coursework: Intermediate Software Design, Computer Organization, Digital Logic, Applied Behavioral Science

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

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 and led the project of getting a software mirror hosted at Vanderbilt

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 completed a web app in JavaScript, HTML, and CSS
- Can work in a Linux, BSD, Mac OS, or Windows environment
- Conversant in the Italian language