

Shamini Wadhwani

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Honors & Extracurriculars

Health Occupations Students of America

1st Place Medical Innovation
New Jersey State Leadership
Conference 2016
3rd Place Medical Innovation
International Leadership
Conference 2016

Future Business Leaders of America

5th Place Graphic Design New
Jersey State Leadership
Conference 2016

NOAA Department Of Commerce

Pulse of Planet Award Winner

Academy Awaaz

President & Founder

Girls Who Code Club

Vice President

MIT Launch Club

Vice President

Skills

Microsoft Suite, Bloomberg
Terminal, Business Analytics
& Power BI, Microsoft CRM,
Salesforce, HTML/CSS, Git,
Website Development, Java,
C++, Adobe Suite, Python,
Autodesk Suite, 3D Printing,

Interests

Travel

Visited 16 Countries, 24 US
States & Territories, and
published a travel blog

Singing

Surilee Family TV Asia
Competition Participant

Hackathons

Participated & Organized

Film

Interned at International
Indian Film Awards 2017

Education

Bergen County Academies, Hackensack, New Jersey

June 2018

Academy of Engineering and Design Technology

Coursework:

AP Macroeconomics, AP Microeconomics, AP Statistics, AP Calculus AB, AP Government, Stock
Market, IB Language & Literature II HL, Entrepreneurial Science, Advanced Electrical Engineering,
Manufacturing Processes CIM, Principles of Engineering and Material Science, Intro to Engineering
Design II, IB Spanish SL IV, Intro to Java Programming, Intro to Web Application Development, Intro to
Robotics, Civil Engineering & Architecture, Medical Bots Engineering

Additional Course Work:

Bloomberg Market Concepts Certification

Summer 2017

ID Tech Camp – Columbia University Campus (Java and C++)

Summer 2015

Experience

TMC Bonds LLC, Finance Intern

September 2017 – June 2018

TMC Bonds, LLC is an electronic exchange for trading fixed income securities and a registered
Alternative Trading System (ATS) with the Securities Exchange Commission. As an intern at
TMC Bonds, a financial services company in New York City, I am undergoing rotational
assignments on institutional client services, bond trading and allocations, marketing,
research, cash management, Bloomberg terminal and technology.

MarketCounsel LLC, Operations Intern

June 2017 – August 2017

During my internship at MarketCounsel, a consulting regulatory firm, I shadowed attorneys
dealing with regulatory and labor laws, reviewed/formatted labor policies and contracts,
configured Finance and HR systems and completed various technology projects.

Mechatronics Research, Research Project Manager

September 2015 – June 2018

Designed and developed Nautilus, a miniature submarine for underwater exploration that
can be utilized for data collection and analyzation through a myriad of sensors, as well as,
enable the user to view underneath a body water through videos captured by the device.
Won \$500 Research Grant from Young Science Achievers Program and Regional Finalist of the
NJ Steam Tank Competition. Currently in charge of developing a website for the research lab,
managing other projects, as well as co-chair BCA Flash, a new program in which students
present classes and workshops on a variety of topics, at the school's research exposition.

BuiltByGirls Future Founders Challenge

September 2016

Selected as one of 5 finalist teams out of over 500 applicants for the Future Founders Track
to showcase HeadsUpTech, a concussion diagnostic helmet that provides quantitative data
regarding how much head trauma an athlete has experienced, to a panel of judges. Created a
pitch deck for our innovation and pitched product at Twitter Headquarters in San Francisco,
California to a live audience of venture capitalists, tech and business leaders, change makers,
and peers. As a 2nd Place finalist team, we won \$1000 to develop our product further. Also
featured on numerous news articles such as Aol, Fortune, SFChronicle, and Forbes.

Provita Pharmaceuticals, Business Analyst

September 2015 – June 2015

Provita Pharmaceuticals is a model student run company that performs research to create
potential pharmaceutical products initiated by students. Responsibilities included conducting
research on cost analysis, exit strategies, SWOT analysis, competitive analysis, as well as
creating business plans for the products.

Sadhu Vaswani Center, Volunteer

September 2014 – June 2018

Member of a non-profit group helped in organizing the health fair, annual meatless day,
activity for young members and taught technology to seniors.