

Shamini Wadhwani

Developer, Entrepreneur, Student

Objective

To obtain an internship in the field of business, engineering or technology

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> EDUCATION

Bergen County Academies

Academy for Engineering and Design Technology

SEPTEMBER 2014 - PRESENT

- GPA: 3.3
- **Core Coursework:** AP Calculus AB, IB Literature and Language HL, IB Spanish SL, Advanced Physics, Advanced Biology, Physical and Organic Chemistry
- **Related Coursework:** AP Microeconomics, Intermediate Electrical Engineering, Introduction to Engineering Design I & II, Principles of Engineering, Introduction to Electronics, Manufacturing Processes, Intro to Web Application Development, Medical Bots Engineering, Medibotic, Smart Structure, Civil Engineering & Architecture, Intro to Java Programming, Entrepreneurial Science, Research in Molecular and Cell Biology

IDTech Camp

- C++ Programming
- Java Programming

> EXPERIENCE

ITechGirls - Co Founder

JUNE 2015 - PRESENT

- Organizes summer camps and mentorship program for middle school girls introducing them to computer science.
- Working to bridge the gender gap by educating the next generation of female engineers

Provita Pharmaceuticals

SEPTEMBER 2015 - PRESENT

- Student Researcher in the business sector of Provita Pharmaceuticals, a model biotechnology company working on developing products through research, experimentation, and presentation

> SKILLS

Programming

Advanced - HTML/CSS · Java · C++ · Javascript · Python · Ruby
Proficient - PHP · SQL · jQuery · Ruby on Rails · Twitter Bootstrap

Software

XCode · AutoCAD · Git · Adobe Photoshop · Adobe Illustrator · Adobe Dreamweaver · Autodesk Inventor · Revit · Sublime Text · Brackets · Eclipse · Final Cut Pro · iMovie · Microsoft Suite

Hardware

Electronics · Breadboarding · Soldering · Arduino · Laser Cutting · Woodworking · 3D Printing · Circuit Design

> EXTRACURRICULARS

TSA - Co-Founder

SEPTEMBER 2015 - PRESENT

Entrepreneurs Club - President

SEPTEMBER 2016 - PRESENT

Edukidtion - Communications Director

SEPTEMBER 2015 - PRESENT

Academy Scientific - School News Editor

SEPTEMBER 2016 - PRESENT

Key Club - President

SEPTEMBER 2014 - PRESENT

FBLA

SEPTEMBER 2015 - PRESENT

5th Place Graphic Design - NJ States

HOSA

SEPTEMBER 2015 - PRESENT

1st Place Medical Innovation - NJ States

> PROJECTS

Heads Up - Developed for Medical Innovation, HOSA

SEPTEMBER 2015 - PRESENT

- Concussion testing helmet that provides quantitative data regarding how much head trauma an athlete has experienced.

Eco 2 - Developed in Mechatronics

SEPTEMBER 2015 - PRESENT

- An ROV Submarine that can be utilized for data collection and analysis for scientific research and investigation purposes of the underwater environment, species and conditions

NIM - Developed in Java

AUGUST 2015

- Game similar to pick up sticks created with Java Programming. The game uses Artificial Intelligence for the computer's move to maximize the difficulty level of the

Emergent - Developed during Hack BCA III

APRIL 2016

- Application connected to a heart rate sensor that can be used during a medical situation to save time in a medical emergency thus increasing one's life expectancy

Additional Projects on: <http://miniw06.github.io>

> LANGUAGES

English - Native or Bilingual Proficiency	Hindi - Native or Bilingual Proficiency
Spanish - Proficient	Mandarin - Proficient
Sindhi - Listening Proficiency	Punjabi - Listening Proficiency