Shamini Wadhwani
Developer, Entrepreneur, Student

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

✉ miniw06@yahoo.com
🌐 http://miniw06.github.io
📞 (201)663-5562

> Education

Bergen County Academies
Academy for Engineering and Design Technology
September 2014 – Present
- GPA: 3.2
- **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, Manufacturing Processes, Intro to Web Application Development, Intro to Java, Medibotic, Medical Bots Engineering, Civil Engineering and Architecture, Smart Structure, Entrepreneurial Science, Research in Molecular and Cell Biology, Ad Agency

ID Tech Camp
Summer 2015
- C++ Programming
- Java Programming

> Projects

Heads Up Tech
September 2015 – Present
- Concussion testing helmet that provides quantitative data regarding how much head trauma an athlete has experienced.

Eco 2 – Developed in Mechatronics Research Lab
September 2015 – Present
- An ROV Submarine that can be utilized for data collection and analyzation for scientific research and investigation purposes of the underwater environment, species, and conditions.

NIM - AI
August 2015
- Game similar to pick up sticks created using Java Programming Language. The game uses Artificial Intelligence for the computer's move to maximize the difficulty level of the game.

Emergent
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 – Elementary Proficiency
Punjabi – Elementary Proficiency	Sindhi – Elementary Proficiency

> Extracurriculars

Edukidtion – Communications Director
September 2015 – Present

Key Club – President
September 2014 – Present

HOSA
September 2015 – Present
- 1st Place Medical Innovation – NJ States
- 3rd Place Medical Innovation – Internationals

FBLA
September 2015 – Present
- 5th Place Graphic Design – NJ States

> Experience

Provita Pharmaceuticals
September 2015 – June 2015
- Student Research Intern in the business sector of Provita Pharmaceuticals, a model biotechnology company working on developing products through research, experimentation, and presentation.

ITechGirls – Co Founder
July 2015 – Present
- Organized 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

BuiltByGirls Challenge - Future Founders Finalist
September 2016
- Selected as one of five finalist teams of over 500 competitors.
- Pitched product to live audience of over 200 Venture Capitalists, Tech/Business Leaders, Change makers, and Peers at Twitter HQ in San Francisco, CA
- Received a chance to participate in TechCrunch Dirupt Hackathon

> Skills

Programming
Advanced - HTML/CSS · Java · C++ · JavaScript · Python · Ruby
Proficient – PHP · SQL · query · Ruby on Rails · Twitter Bootstrap

Software
AutoCAD · Git · XCode · Autodesk Inventor · Adobe Photoshop · Adobe Illustrator · Adobe Dreamweaver · Revit · Graphic Design · Website Design · Website Development · Final Cut Pro · IMovie · Microsoft Suite

Hardware
Electronics · Breadboarding · Soldering · Arduino · 3D Printing · Woodworking · Circuit Design