Parth Shelgaonkar

Campus Address 1275 First Street, Room 307, West Lafayette, IN 47906
Mobile (513) 485-6865 | **Email** ps@parthshel.com | **Webpage** www.parthshel.com

Objective

To obtain an internship and gain experience in CS and Software Development.

Education

Fall 2016 - 2020

Purdue University, West Lafayette
- Bachelors of Science in Computer Science (Class of 2020)

2014 - 2016

Grade 11 & 12 – Science Stream (CBSE Curriculum), Nath Valley School, Aurangabad
- CBSE grade 12 – 78.6%
- Subjects – English, Physics, Chemistry, Maths, Computer Science
- Scores – Top 20% of Class (Total: 22 students)
- Standardized Testing Scores - SAT (1980), SAT Subject Test (Math L2 770, Physics 710, Chemistry 610), AP Test Computer Science AB Score (4)
- School Topper (Gold Medal), 14th National Cyber Olympiad
- School Topper (All India Top 5%), NEXT-GENIUS Olympiad (Critical Thinking)
- Participated in Model United Nations as delegate of Syria

Summer, 2014

Diploma in Java Programming, CompuWorld Institute Aurangabad

2014

Grade 10 (CBSE Curriculum), Nath Valley School, Aurangabad
- Subjects – English, Physics, Chemistry, Maths, Computer Science
- Final Examination Scores – 89.6% (CGPA 9.6/10)
- Very active participant in school plays as actor & facilities helper.

Experience

2016

Solo Project
- Designed and developed a visible light communication device using Arduino microcontrollers
- Implemented system designed to take user input from a computer, convert data into data frames and transmit the data to another computer and print it out to the screen. (mini scale model of the Li-Fi technology)

2015

Project - Scribble
- Designed a computer program called Scribble with friends, as an alternative to MS Paint. Won school prize in exhibition. Program aimed at local farmers and land developers. In process of commercialization. (WebPage: www.project-scribble.com)

2015

Internship (Programming), Infodart Technologies India Ltd
- Reported to Mr. Shashikant Mudhalwadkar
- Assisted team on designing retail point-of-sale software for portable POS systems.

2014, 2015

Designer, Watchman - Automated Home Security Solution
- Project based on ultra-sound waves detection of motion using Arduino microcontroller
- System is wi-fi enabled and alerts user upon intruder detection.
- Open sourced project implementation with fellow high school students and project expanded into IoT based complete home automation.
- Reached Round 2 of Microsoft's Windows 10 IoT Core Home Automation Contest.

Programming Skills

Proficient in C++ & Java.
Familiar with SQL, HTML & Linux kernel

Extra-Curricular Activities

Co-Founder, Students Bike Club of Aurangabad (SBCA)   2013

Personality Development Course, Bhonsala Military School, Nashik   Summer, 2013

Personal Information

Languages   English, Marathi, Gujarati, Hindi, Mandarin
Hobbies   Reading, Coding, Animation Art and Graphics, Gadgets, Building Hobby Kits
Volunteering   Nepal Earthquake Aid & Chennai Flood Aid (2015)