

Parth Shelgaonkar

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Objective

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

Education

Purdue University, West Lafayette

- Bachelors of Science in Computer Science (Class of 2020)

Fall 2016 - 2020

Grade 11 & 12 – Science Stream (CBSE Curriculum), Nath Valley School, Aurangabad

- CBSE grade 12 – 78.6%
- Subjects – English, Physics, Chemistry, Math, 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

2014 - 2016

Diploma in Java Programming, CompuWorld Institute Aurangabad

Summer, 2014

Grade 10 (CBSE Curriculum), Nath Valley School, Aurangabad

- Subjects – English, Physics, Chemistry, Math, Computer Science
- Final Examination Scores – 89.6% (CGPA 9.6/10)
- Very active participant in school plays as actor & facilities helper.

2014

Experience

FreeClicker

- Developed the Android version of the app during Hack OH I/O, at Ohio State Univ.
- FreeClicker is a free and open source alternative to the iClicker which can be used to take quizzes and polls in a classroom.

Nov. 19-20, 2016

BigDoc

- Developed a wearable for collecting health data using an Arduino mini and accelerometer & gyroscope during Arch Hacks at Washington Univ. in St. Louis.
- The device is intended to be a cheaper alternative to wearables like Fitbit and sends the gathered data, like distance covered and calories burnt to a central server which shows all this data in a graphical format to the doctor. (YouTube video: <https://youtu.be/BXNRnTYkNEE>)

Nov. 4-6, 2016

CelebFinder

- Helped develop Chrome extension that recognizes faces of famous personalities during Hello World at Purdue Univ.
- CelebFinder uses Microsoft's Cognitive Sciences API to recognize the face in a YouTube video and scrapes Wikipedia page about the person to give info. It won the best web-app at the hackathon.

Oct. 15-16, 2016

treasurehack

- Developed a GPS enabled scavenger hunt game during HackGT at Georgia Tech.
- Programmed an Arduino Mega board to give clues to users for the game based on GPS location.

Sept. 23-25, 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)

2016

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)