

Shubham Goyal

275 Hamilton Hall, University Park, PA 16802

(203) 219-0443 • sjg5530@psu.edu

Education:

- The Pennsylvania State University - Class of 2019
 - Intended Major: Bachelor of Science in Computer Science - 05/2019
 - Most recent GPA: 3.17
 - Relevant courses taken/taking: Data Structures, Systems Programming, Digital Design
- International School of Aberdeen - Class of 2015
 - Graduated with IB Diploma + US HS Honors Diploma - 06/2015

Industry Experience:

- Shell UKEP - Aberdeen, United Kingdom (June - July 2016)
 - Interned with the PCD CS-IT (Process control domain Control Systems-IT) team. Learnt about the network security of process control domain and industrial systems in a network in the process/oil & gas industry.
 - Updated the service pack and OS of various components offshore and communicated with the system vendors to obtain permission for end point remediation.
 - Assisted the team by scripting bash to allow event log collection by self-elevating the user as well as dynamically changing the store location of the event logs.
- Shell UKEP - Aberdeen, United Kingdom (July - August 2014)
 - Interacted & shadowed engineers of several disciplines to understand the industrial work environment and discover my interests.
 - Familiarized myself with technical drawings in O&G industry and their importance.
 - Analyzed the fugitive emissions from control valves against legal requirements.
- Syarikat Veena Importers - Brunei Darussalam (Summer 2013)
 - Assigned to invoice processing and performed automatic inventory check controls
 - Experienced a real life work environment firsthand.

Leadership & Volunteer:

- Pre-school aid (October 2014 - April 2015)
 - Voluntary work at ISA with pre-schoolers to supplement their growth and help the teachers as assistant.
- Student Council (September 2008 - November 2013)
 - Represented chair of the school's student council.
 - Fundraised for various local donations as well as school events.

Skills & Projects:

- Skills: Software skills and competencies; Data Structures; C++; C; Java; Linux; Microsoft Windows
- Projects (as student at Penn State University)
 - Chess in C++ (2-player game with working pieces and boundaries to prevent pieces going off the board - can take pieces as well as recognizes special moves like castling).
 - Guess the Number in Java (guess the number game with blue or red to indicate whether you're getting closer or further and also generates warnings).
 - 2D Drawing App in Java (drawing app that allows you to draw several shapes with different colours, dashed lines and gradient options).
 - Flight Scheduler in Java (GUI generated applet that implements database to add passengers, flights and dates as well see their respective statuses and delete them).