

Prateek

Bhatnagar  www.prateekbhatnagar.me  pbhatna3@jhu.edu

EDUCATION

JOHNS HOPKINS UNIVERSITY

Baltimore, MD

2017-Present

Masters of Science and Engineering
Computer Science

VIT UNIVERSITY

India

2013 – 2017

B.Tech. Computer Science and Engineering
GPA: 3.90

EXPERIENCE

THERATAXIS

Baltimore, MD

JUN 2018 –AUG 2018

Software Engineering Intern

Wrote a C# parsing library for the SDK of the Interson USB ultrasound probe.

B3 INTELLIGENCE

Delhi, India

JUN 2016 – JUL 2016

Software Development Intern

Used C# & python [Django] to develop multithreaded applications used by Big Data Analysts for cleaning raw data.

ENINOV

NCR, India

JUL 2015 –DEC 2015

Software Engineering Intern (Remote)

Implemented a C++ Module to establish a TCP connection between server and client using a SSL protocol

BEL -INDIA

NCR, India

JUN 2014 –JUL 2014

Software Engineering Intern

Built a Java program to backup and restore configuration of Cisco and Juniper Switches and routers over a SSH connection on a Local Area Network

PROJECTS & RESEARCH – [GITHUB.COM/LALBADSHAH](https://github.com/Lalbadshah)

- Used Microsoft HoloLens in conjunction with pupil tracking to produce 2D heatmap of user gaze – part of a medical training system
- Used Microsoft HoloLens and pupil eye gaze tracking cameras to create a 3D gaze attention tracking experiment
- Real time Transcription of American Sign language using Machine Learning Techniques
- Rewriting and enhancement of the TCP/IP stack to add additional security features on top.
- Image Processing - Detecting tumors in MRI scans of brains using thresholding ACCEPTED in International Journal of Pharma &Bio Sciences

SKILLS

C, C++, C#, Unity, MATLAB, python WEB- Django, HTML CSS, PHP, JavaScript (Prior Experience), JAVA (Prior Experience), Arduino (Project experience)