# Akshay Singh (+1-518-645-2506)

akshayc_118@hotmail.com     linkedin.com/in/akshay-singh-503a18b7/     github.com/asing012

## EDUCATION

| **The State University of New York at Plattsburgh** | **Aug 2014 – Dec 2017** |
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- **Bachelor of Science in Computer Science**
- **Minor**: Computer Security and Mathematics.

## EXPERIENCE

| **Summer Trainee** | **Lucideus** | **June 2016 – July 2016** |
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- Learned about OWASP top 10 attacks.
- Learned how to do SQL Injection and XSS.
- Implemented Mod Security.
- Learned about information gathering.
- Acquired basic knowledge of Network and Desktop Security.

| **Intern** | **Hackerspace at SUNY Plattsburgh** | **Feb 2017- Dec 2017** |
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- Organized security awareness events.
- Penetration testing on virtual server.
- Created P4WNP1 on a raspberry pi.
- Wrote ducky scripts for P4WNP1.

| **XSS Vulnerability,** | **Just Dial Limited** | **July 2016** |
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- Found a reflective XSS Vulnerability in justdial's website.
- Reported the issue to Justdial.

| **Competitor** | **National Cyber League** | **Oct 2017 - Dec 2017** |
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- Participated in the NCL 2017 Fall Season.
- Over 2500 people participated in this event.

Season:
- Silver Bracket - Rank 136
- Coach Group - Rank 1

Pre-Season:
- 610 Points
- Coach Group - Rank 2

Gym:
- Rank -  63
- Coach Group - Rank 1

## PROJECTS

**PalsOnCampus**
- Worked as a Font-End Developer in this project.
- Created wire frames in Photoshop.
- Used bootstrap framework to make the templates responsive.
- The website is deployed on Google Cloud Platform.
- Used Jira to log all the work done

**Gale-Shapley Algorithm**
- Class project for Design/Analysis of Algorithms course.
- Developed stable matching algorithm using Python.
- Used Fisher-Yates shuffle method to create random preferences.
- The running time is $O(n^2)$.

**Wifi Jammer**
- Created this program in Python to de-authenticate clients on wifi.
- Uses aireplay command to de-authenticate.
- Users can run multiple aireplay commands to de-authenticate.

## Languages and Technologies

- Python, Perl, HTML5, CSS3, Javascript, Java, Kali OS, Bootstrap