

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

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## EDUCATION

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### The State University of New York at Plattsburgh

Aug 2014 – Dec 2017

- Bachelor of Science in Computer Science
- Minor: Computer Security and Mathematics.

## EXPERIENCE

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### Web Developer Intern

### Dynamic Global Events

April 2018 – Current

- Created the website logo, banner, and wireframe in Photoshop.
- Set up the hosting in GoDaddy.
- Developing the website from scratch in WordPress.
- Writing custom HTML and CSS code.
- Website - <https://dgeve.com>

### Vulnerabilities

### Bug Bounty

March 2018 – Current

- Reported a **Post XSS Vulnerability** in *freelancer.ca* website.
- In the security hall of fame - <https://www.freelancer.com/about/security/hall-of-fame>
- Reported a **Reflective XSS Vulnerability** in *intel.co.az* website.
- Reported a **Remote File Inclusion XSS Vulnerability** in *chase.com* website.
- Reported a **Host Header Redirection Vulnerability** in *geotab.com* website.
- In the security hall of fame - <https://www.geotab.com/security/>
- Reported a **Self XSS Vulnerability** in *geniebelt.com* website.
- In the security hall of fame - <https://geniebelt.com/responsible-disclosure>

### Student Helpdesk Technician

### Computer Helpdesk at SUNY

Jan 2017 – Dec 2017

- Helped students, faculty, and staff to solve their computer issues.
- Provided support on phones and assist with inquiries.
- Created tickets in ServiceNow.
- Did routine follow-up to make sure the users are not facing the same problem again.

### Intern

### Hackerspace at SUNY Plattsburgh

Feb 2017 – Dec 2017

- Organized security awareness events.
- Penetration testing on virtual server.
- Created P4WNP1 on a raspberry pi.
- Basic knowledge of Secure SDLC, ISO 27001, and NIST Cyber Security Framework.

### Summer Trainee

### Lucideus

June 2016 – July 2016

- Learned about OWASP top 10 attacks.
- Learned concepts like TCP/IP, LAN/WAN, FTP, DNS, SSL, SMTP, and SSH
- Learned about information gathering.
- Acquired basic knowledge of Network and Desktop Security.

## PROJECTS

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### Clickjack Testing

Did Clickjack testing of all National Guard websites in the United States.  
Developed Python program that checks the X-Frame-Options to find if the website is vulnerable.  
<https://github.com/asing012/ClickJack>

### Gale-Shapley Algorithm

Developed stable matching algorithm using Python.  
Used Fisher-Yates shuffle method to create random preferences.  
The running time is  $O(n^2)$ .  
<https://github.com/asing012/GS-Shapley>

### Wi-Fi Jammer

Created this program in Python to de-authenticate clients on Wi-Fi.  
Users can run multiple aireplay commands to de-authenticate.  
[https://github.com/asing012/Wifi\\_Jammer](https://github.com/asing012/Wifi_Jammer)

## Languages and Technologies

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- Python, HTML5, CSS3, JavaScript, Java, Unix/Linux, Mac OS, Windows, Bootstrap, Burp Pro, AWS, Active Directory, Microsoft Office