

# OMKAR ARUN SONSURKAR

Binghamton, NY · osonsur1@binghamton.edu · (607) 232-4204 · osonsur1.github.io

## SKILLS

Programming Languages: C/ C++, Java, Python, JavaScript, HTML/ CSS, SQL  
Platforms: Linux, AWS, WordPress, Heroku  
Databases: MySQL, PostgreSQL, MongoDB  
Frameworks/ Libraries: Bootstrap, Cordova, jQuery, React & Redux, Node.js, Express.js, AngularJS  
Tools and Services: Unity3D, ServiceNow, Splunk, Git, Jupyter

## EDUCATION

**State University of New York at Binghamton** Binghamton, NY  
MS Computer Science *GPA: 3.3* Aug 2017 - May 2019  
**University of Mumbai** Mumbai, India  
BE Information Technology *GPA: 3.5* Aug 2011 - May 2014  
**Maharashtra State Board of Technical Education** Mumbai, India  
Engineering Diploma Information Technology *GPA: 3.7* Aug 2008 - May 2011

## PROFESSIONAL EXPERIENCE

**State University of New York at Binghamton** Binghamton, NY  
*Information Security Analyst - Student Assistant* Oct 2017 | May 2019

- Assisted the security operations team with multiple components of the institution security program
- Generated reports and created workflows and service requests for the operations and infrastructure team
- Identified and analyzed security threats on Splunk Enterprise
- Monitored and resolved IT security incidents using ServiceNow
- Performed penetration testing to ensure system security using Kali Linux

**State of New York, Broom County Government** Binghamton, NY  
*Software Developer Intern* May 2018 | Aug 2018

- Developed a hybrid mobile app using jQuery and Bootstrap on PhoneGap for Android and iOS
- Gathered and refined specifications and requirements based on technical needs

**LTI** Navi Mumbai, India  
*Systems Engineer* Dec 2014 | Mar 2017

- Worked as a ServiceNow consultant responsible for analyzing, investigating and resolving incidents and fulfilling service requests for international clients in a 24/7 environment
- Created workflows, reports and knowledge articles for future reference
- Assisted in building the service portal using Bootstrap and AngularJS
- Mentored and trained new trainees

## PROJECTS

**Smart Brain** *ReactJS, Node.js, Express.js, PostgreSQL, Heroku*  
Developed a full-stack web app which allows users to detect a face in an image using an image recognition API

**Image Steganography** *Node.js, Express.js, MongoDB*  
Developed a web service for accessing images and hiding a message inside images using RESTful API

**Sapien** *Java, Arduino Uno, Android Studio*  
Created a home automation system on Android to bring everyday electrical home appliances to life using Arduino Uno

**Natural Motion Gaming** *JavaScript, Unity3D*  
Developed a video game which can be played using natural human gestures with the help of Microsoft Xbox Kinect

## STUDENT LIFE AND VOLUNTEERISM

**Toastmasters International, Leaders and Learners** Vice President Public Relations  
**Graduate Student Organization** Vice Chair of the Event Planning Committee  
**International Student and Scholar Services** Leadership Volunteer  
**Binghamton University Student Ambassador Program** Student Ambassador