

# Omkar Udawant

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•<https://github.com/Tod80077>

## EDUCATION

**Binghamton University, State University of New York, The Thomas J. Watson School of Engineering and Applied Science**  
*Master's in Computer Science* **Expected May 2021**

**Marathwada Mitra Mandal's College of Engineering, India**

*Bachelor's in Computer Engineering*

**May 2018**

Overall GPA: 3.38/4.00

**Maharashtra Institute of Technology, India**

*Associate Degree in Computer Engineering*

**May 2015**

Overall GPA: 3.6/4.00

## TECHNICAL SKILLS

**Languages:** Java, React.js, CSS3, Bootstrap 4, HTML5, JavaScript ES6, jQuery, Node.js, C#, PHP, Python, C++, C

**Database:** SQL, MongoDB, JSON

**Software and OS:** Docker, Blender, Unity 3D, Eclipse, Android Studio, Xampp, Git, Adobe Photoshop, Adobe Premier, Adobe After Effects, Adobe Illustrator, Linux

**Additional:** Data processing: NumPy and Pandas, Data visualization: Matplotlib

## PROFESSIONAL EXPERIENCE

**Freelancer** | Pune, India

**December 2018 - July 2019**

- Developed wedding event website with interactive UI design, webpages and company's logo.
- Created marketing videos using Adobe Illustrator, Adobe After Effects, Corel Draw.
- Designed graphics content for LED wall for university events as per client request using Adobe Premier Pro and After Effects.
- Visualized and designed banners and flex for client's shop using Adobe Photoshop, Adobe Illustrator, Adobe After Effects, Corel Draw.

**Thoughtful Viewfinder Services, Internship** | Pune, India

**May 2014 - July 2014**

- Developed university admission website for Maharashtra Institute of Technology, Pune, India
- Designed webpages using HTML 5, PHP and JavaScript to make them responsive and interactive.
- Used MySQL to store student data in database.
- Validated test cases and deployed website online.

## PROJECTS

**Python Tkinter Developer** | Binghamton

**February 2020 – April 2020**

- Developed airline tweet analysis application which takes tweeter dataset of more than 1 million tweets.
- Used MongoDB to store data in json format to help user perform different queries.
- User gets to analyze which airline meets his travel needs using graphical representation of tweeter data.

**Python Developer** | Binghamton

**November 2019 – December 2019**

- Written script to steal credentials of user using forged popular websites like Gmail, Instagram, Facebook.
- Locally generated link to malicious web page in order to steal credentials.
- User credentials are recorded and displayed on terminal screen of the attacker.

**C++ Developer** | Binghamton

**October 2019 – November 2019**

- Designed 5 stage Apex pipeline simulator with latency of 1 cycle. Data Dependency is handled.
- Working of ROB, LSQ is simulated.

**C# Developer** | India

**August 2017 - April 2018**

- Designed and developed "Battlefield Simulator" as final year undergraduate project.
- Scripts were written in C#, assets such as artilleries were designed using Blender software and programmed in Unity 3D.
- Published and presented paper on "Battlefield Simulator" in ICBRA 2018 conference held in Hong Kong.

**Game Developer** | India

**July 2017 - June 2018**

- Developed two games titled "Tiny: The Survival Shooter game" and "Offline Tanks".
- "Tiny: The Survival Shooter" is based on object tracking algorithm of Unity 3D game engine.
- "Offline Tanks" is based on ray tracing algorithm of Unity 3D game engine.

**Android Developer** | India

**February 2016 – March 2016**

- Developed "Student Feedback" application as mini project.
- Database for managing feedback records was handled using SQ-Lite.
- Multiple access levels were implemented.

## LEADERSHIP EXPERIENCE

**Student Manager, SODEXO** | SUNY Binghamton University, NY

**August 2020 - Present**

**Marathwada Mitra Mandal's College of Engineering, Placement Co-Ordinator** | India

**August 2017 - May 2018**

**Marathwada Mitra Mandal's College of Engineering, Graphics Head** | India

**December 2017 - February 2018**