

SHUBHAM JIWTODE

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EDUCATION

Syracuse University, College of Engineering and Computer Science, Syracuse, NY
M.S., Computer Engineering, 2017-Present
Specialization: Software

Pune University, VPKBIET, Pune, India.

B.E., Electronics and Telecommunication Engineering, May 2016.

CGPA: 3.5/4

INDUSTRY EXPERIENCE

- Worked at **Panama Systems Pvt. Ltd.**, as an Associate Software Engineer on a project “Academic Institute Management System” which is an Enterprise Resource Planning (ERP) software targeting to ease collection, management, analysis of data and information across institution.
- Intern at **Bilt Graphics and Paper Production Ltd.**, worked on image processing system for paper defect detection and PLC system.

PROJECT

- Developed an android app for **National Highway Authority of India** employees, the app showed data of each national highway and their map with road conditions. Currently under technical check at NHAI.

ACADEMIC PROJECTS

- **Build Server**, an automated tool to build test libraries. To display complete functionality a mock repo, mock client (GUI) and a mock test harness has been built. All of this was done in C# using .NET framework and WPF, WCF for GUI development and for Communication between modules resp.
- **Automatic segmentation of MR images using Fuzzy C means**, the manual process of segmentation of brain MRI for diseases like Dementia, Alzheimer was replaced by automatic segmentation and statistical analysis over the segmented image served as plus point.
- **Hand gesture to text for Mute**, To enable mute to communicate with masses, a glove with embedded flex sensor was made which detect certain gesture of hand and displays it on a LCD screen.
- **Paper counting device for local printing press**, Small project to count the number of paper produced in a printing press.

AWARDS AND RECOGNITION

- Head of Signals and Systems at IEEE student branch.
- Stood 2nd at National Medical Expo for senior year project.
- Stood 3rd at IEEE MTT International Competition for senior year project.
- Appreciation by University of Oklahoma for senior year project.

SKILL SETS

- Programming skills Embedded C, C++, Java, C#, Python.
- Tools and software's MATLAB, Visual Studio, MikroCpro, Android Studio.