

Vaibhav Shanbhag

201-234-7459 | vshanbha@stevens.edu | <https://github.com/vaibz96> | www.linkedin.com/in/vs16 | Union City, NJ, 07087

EDUCATION

Stevens Institute of Technology, Hoboken, NJ
Master of Science in Information Systems, GPA: 3.83/ 4.00

Expected May 2020

Xavier Institute of Technology, Mumbai University, India
Bachelor of Engineering in Information Technology, GPA: 3.00/ 4.00

May 2018

RELEVANT COURSE WORK

Data Structures and Algorithms, Object Oriented Programming, Web Programming, Agile Methodologies, Database Management Systems, Distributed Systems, Computer Networks, Web Mining, Special topics in Software Engineering, Knowledge Discovery & Data Mining, Managing Emerging Information Technology, Process Innovation & Management, Project Management

TECHNICAL SKILLS

Languages	Python, JavaScript, SQL, Bash Scripting, jQuery, HTML, CSS, Bootstrap, Java, C++
DBMS	PostgreSQL, MySQL, MongoDB
Technologies	NodeJS, ExpressJS, Django, Flask, ReactJS, REST API's, Mongoose, Webpack
Tools	GitHub, Git, MS Office Suite, Tableau, PowerBI, XAMPP, Blue Prism, VS code, Atom
Operating Systems	Windows, Linux/ Unix

ACADEMIC PROJECTS

Stevens Institute of Technology, Hoboken, NJ
University Portal System

Spring 2019

- Devised system to help professors track student enrollment for each course using Python and PostgreSQL in backend
- Used Flask with combination of HTML and Jinja2 to render front-end for system design

E-commerce Website for PC Part Selection and Compatibility Guidance

Spring 2019

- Created e-commerce website allowing user to purchase computer hardware parts
- Developed compatibility guidance feature to help check the compatibility of parts purchased for current system owned by user
- As a part of a team designed the web application using HTML, CSS, Bootstrap, jQuery, PHP, XAMPP and MySQL

Eve-online: Social Sentiment Analysis and Visualization

Fall 2018

- Helped professor to execute and manage his research data consisting of 1.7 million records for Eve Online
- Analyzed the sentiment of players with respect to newly released version of gaming platform (Space Based Online Gaming)
- Implemented dashboards that offered dynamic visualization of various emotions between the users
- Presented report on business variations and recommendations leveraging statistical result for better software update

PERSONAL PROJECTS

Summer 2019 – Present

Proven ability to leverage full-stack knowledge and experience to build interactive web applications designed to scale

- **StevEquip:** Used MERN stack technologies to build application to track equipment loaned to faculty, staff and students
- **TinDog App:** Designed a single page responsive front-end website using HTML5, CSS3 and Bootstrap
- **WanderLust:** Designed single page ReactJS project for luxury resort room reservations, hosted on AWS EC2 instance
- **ToDo Application:** Developed ToDo Application using NodeJS, ExpressJS and MongoDB
- **Perosnal Portfolio Website:** Designed personal portfolio website using Python, Django and PostgreSQL

EXPERIENCE

Graduate Student Assistant, School of Business, Stevens Institute of Technology

09/ 2018 – Present

- Maintain google sheets and arrange faculty events meeting deadline expectations
- Create and update entries for research projects, financial brochures, publications, faculty and student details quarterly
- Recommend media platforms to faculty, students and staff members for efficient communication
- Perform workflows in timely manner for Dean, professors, staff and visitors

UNODC and Fundación Pasos Libres, IBM BlueHack Hackathon against Human Trafficking

03/ 2019

- Managed team of 3 to design front-end user interface in a span of 48 hours to assess legitimacy of a company
- Designed a three-layered secured prototype to prevent and forecast human trafficking through phishing e-mails
- Monitored potential victims by leveraging IBM Watson assistant (chat-bot) to track human behavioral patterns
- Automated an instant call to family members and NGO organizations in case of victim abduction and emergency
- Calculated the key performance index for better business decisions