

SAURABH SALUNKHE

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Website: saurabhsalunkhe.github.io/Portfolio/

github.com/SaurabhSalunkhe

EDUCATION

NORTHEASTERN UNIVERSITY, BOSTON, MA

Expected: Jun 2018

Master of Science in Information Systems (Specialization in Web Development)

RELEVANT COURSEWORK: Web Development Tools and Methods, Web Design and User Experience Engineering, Application Engineering and Development, Program Structures and Algorithms

K. J. SOMAIYA COLLEGE OF ENGINEERING, UNIVERSITY OF MUMBAI, INDIA

Jun 2015

Bachelor of Engineering in Computer Engineering

RELEVANT COURSEWORK: Web Engineering, Object Oriented Software Engineering, Data Structures and Files, Software Architecture, Analysis of Algorithm, Computer Networks, Database Management System, Computer Programming(Java)

SKILLS

- **Languages: Proficient** - Java, JavaScript | **Familiar with:** Python, SQL
- **Web Technologies:** Servlets, JSP, Apache Tomcat, Web Services, AngularJs, D3.js, jQuery, HTML, CSS
- **Frameworks:** J2EE, Spring MVC, Hibernate, Spring WebFlow, Java Swing
- **Software Tools:** Eclipse, NetBeans, Firebase, Unity, GitHub

WORK EXPERIENCE

DIRECTI WEB SERVICES, MUMBAI, INDIA

Research Analyst (Web Monetization)

Jun 2015 - Mar 2016

- Determined user-interest via type-in traffic to recommend high CPC keywords to be linked with ads:
 - Scraped data from HTML pages using BeautifulSoup scraper (Python) and extracted relevant keywords
 - Improved ad performance, keyword ranking and keyword quality to get more clicks based on gathered data
 - Presented identified patterns/reports through a web-based dashboard coded in D3.js, HTML and CSS
- Achieved 200% rise in revenue of multiple clients' 'domain name portfolio' by deploying targeted advertisement

PROJECTS

CUSTOMIZED CLOTHING E-COMMERCE WEBSITE

Jan 2016 - Present

- Developing end-to-end e-commerce website to buy/sell customized clothes using Spring MVC
- Designing UX with latest features like item navigation and auto-suggest using ajax and AngularJS

DEMONETIZATION SOFTWARE - github.com/SaurabhSalunkhe/Demonetization

Dec 2016

- Created Banking Java (Swing) desktop app focused on booking appointments expediting demonetization process
 - Developed application allowing users to book appointments to exchange old currency with new currency
 - Provided summary statistics through compelling interfaces and supports filters for focused analytics
 - Adapted ecosystem model and singleton design pattern with DB4O as backend database

NORTHEASTERN LOST AND FOUND WEBSITE - saurabhsalunkhe.github.io/NuFinder/

Nov 2016

- Developed a lost and found web app for Northeastern University to report and found lost items and pets
 - Designed the entire UX and developed the front end using AngularJS, jQuery, HTML5, CSS3, JavaScript; Used Google Firebase for user authentication and back-end data storage
 - Implemented dynamic search functionality and item navigation using angular JS and Google maps API

VIRTUAL AND AUGMENTED REALITY PROJECTS - github.com/SaurabhSalunkhe/VR-AR-Projects

Apr 2016

- Participated in Tatva Convergence (Hackathon geared towards Augmented Reality) to build android app(static) of:
 - Pokémon exhibiting custom animations
 - Virtual Photo Album
- Enabled user-navigation for Google Cardboard with C# via viewpoints placed in the UI Screen

INTRUSION DETECTION SYSTEM - github.com/SaurabhSalunkhe/Intrusion-Detection-System

Jan 2015

- Collaborated to develop security system device that detects intrusion using 8-bit micro-controller and PIR sensor:
 - Programmed in Embedded C the entire processing behind automated alerts via SMS and Phone calls
 - Compiled the entire product into a working model, effective to a price lower than the market by 40%
 - Won First Prize in a state level competition and was recognized by Computer Society of India

TECHNICAL PAPERS

- "Advanced Security Guard with PIR sensor for commercial and residential use", International Journal for Advance Research in Engineering and Technology, Vol 2, Issue IX Nov. 2014, ISSN: 2320-6802.
- "Adopting eLockBox to achieve Mobile Data Security", International Journal for Advance Research in Engineering and Technology, Volume 2, Issue IX Nov. 2014, ISSN: 2320-6802.