

Nethra Viswanathan

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EDUCATION

NORTHEASTERN UNIVERSITY

Master of Science

Expected May 2024

- Courses: Web Design/User Experience Engineering, Concepts of Object-Oriented Design
- GPA: 3.84

SRI RAMAKRISHNA ENGINEERING COLLEGE

Bachelor of Technology

**India
May 2019**

- Courses: Object Oriented Programming, Data Structures, Principles of Programming Languages, Database Management Systems, Software Testing, Web Technology

WORK EXPERIENCE

HEPTAGON TECHNOLOGIES

Software Developer

**India
2018 - 2022**

- Developed responsive, cross-browser compatible websites leading to optimized and user friendly web pages having over 200,000 users
- Implemented security protocols to safeguard the product from XSS Attacks, DDoS Attacks, Cross-Site Request Forgery, CSS Injection Attacks increasing the security of 5+ products
- Created a module for live user tracking with Google's Dynamic Maps API that refreshes data every 30 seconds without compromising application speed
- Engaged in all stages of product development, from ideation to deployment, and iteratively enhanced features based on feedback, resulting in the acquisition of over 200 new clients
- Incorporated testing techniques to ensure clean, bug-free code, resulting in a 30-minute reduction in testing time during each iteration
- Actively participated in agile development processes and contributed to continuous improvement of development workflows

SKILLS

TECHNICAL: React, Redux, Angular, JavaScript, JQuery,HTML, CSS, Bootstrap, Laravel, Python, Java

TOOLS: JIRA, Visual Studio Code, Android Studio, Eclipse, GIT,Wordpress,Wix, Figma, Balsamiq, Moqups

ACADEMIC PROJECTS

UNISEARCH

Northeastern University

October 2022 - December 2022

- Built a website to help students looking to pursue a career abroad by filtering universities based on profile using React & Redux
- Developed filters that students can use to pick universities based on acceptance rate, tuition fee, location, global & national ranking to find their best match
- Created a chat enabling students to have the opportunity to talk with alumni and current students to rectify any questions
- Built a forum that alumni can use to give their feedback on universities
- Built a prototype for the entire application using Figma

FACIAL RECOGNITION SYSTEM

Sri Ramakrishna Engineering College

February 2019 - April 2019

- Built an interactive application to recognise an employee in an image or a video frame using K- NN algorithm
- Designed to recognize an employee with changing expression, poses and different illumination and automatically log attendance

ADDITIONAL INFORMATION

- Participated in a 24 hour New India Championship 2018 powered by Salesforce Trailhead and secured 13th rank National Wide
- Published a detailed International paper on "Location based task reminder" on IRJET 2019