

Megharth Lakhataria

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Education

Northeastern University, Khoury College of Computer Sciences

Masters Computer Science **GPA: 4.0/4.0**

Relevant Coursework: Web Development, Computer Systems

Boston, MA

Sep 2019 - Present

Gujarat Technological University

Bachelors of Technology Information Technology **GPA: 9.17/10.0**

Gujarat, India

Aug 2015 - May 2019

Skills

| | |
|------------------------------|--|
| Programming Languages | Javascript, C, C++, Java, Python, HTML5, CSS3 |
| Databases | SQL, MySQL, MongoDB |
| Libraries | Vue.js, Vuex, Elixir, Node.js, ExpressJs, React.JS, Redux, jQuery, Bootstrap, Laravel Socket.io, GSAP, Handlebars |
| Other | GIT, Nginx, IntelliJ IDEA, Visual Studio Code, Raspberry Pi, Inkscape, Figma, Heroku |

Experience

Alian Software, Anand, India

Intern

Jan 2019 - May 2019

- Developed content management system and inventory management system alongside the integration of Amazon Marketplace API increasing on-time order fulfilment rate by ~15%
- Created a customer management system providing required information to a customer representative at centralized place improving customer response time by 9%
- Extracted metadata from the image and converted GeoTIFF image into web-optimized PNG images reducing rendering time of image on Google Maps by 35%

Maxgen Technologies Pvt. Ltd, Vadodara, India

Web Developer Intern

May 2017 - July 2017

- Implemented caching on the server side improving website page load time by 30%
- Improved average bounce rate by 5% and average time on page by improving UI/UX of portfolio website for 5 clients

Academic Projects

Social *React.JS, Elixir, CSS3*

- A social media website that suggests potential friends based on location and interests while supporting messaging and notifications
- Used Facebook and Instagram API to keep user's basic profile in sync with these platforms
- Attained 80% accuracy in finding nearby friends by calculating the distance between users' location

Checkers *React.JS, Elixir, CSS3*

- A multiplayer Checkers web-game with chat-room and game-room support
- Supported multiple games and game backups using genservers in backend
- Achieved ~0% lag in gameplay by implementing sockets

Eye Controlled Wheelchair *Python*

- A Raspberry Pi based prototype of eye controlled wheelchair which enables locomotion of wheelchair using the user's eye
- Gained ~95% accuracy in recognizing eye movements and actions by implementing algorithms from OpenCV library
- Latency as low as 20% was achieved by using L-293 H-bridge to send the instructions to the motors driving wheelchair

Leadership Experience

Developer Head

BVM Engineering College

Jul 2018 - May 2019

- Delegated tasks as well as evaluated individual deliverables by using scrum methodology to achieve maximum efficiency for every app developed throughout the year