

SUBHED CHAVAN
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EDUCATION

California State University Chico, Chico, CA

Master of Science in Computer Science

Aug 2019 - Present

University of Mumbai, Maharashtra, India

Bachelor of Engineering in Computer Engineering

May 2016 - June 2019

G.P.A.: 6.90 /10

RELATED COURSEWORK

CSCI - 310 Programming Foundations CSCI - 550 Introduction to Design and Analysis of Algorithms

CSCI - 611 Applied Machine Learning. CSCI - 630 Software Design & Maintenance

PROJECT

“IoT Project,” **Real-time CO2 emission control device for vehicles**

Sep 2018 - Mar 2019

- Designed and developed a device by programming Arduino Nano as the controller, MQ sensors to sense the pollution parameters and send sensor data to the MongoDB using Wi-Fi and additional GSM/GPS module.
- The system could detect the pollution level and record to highest level and blacklist the vehicle in the database.
- The Toll Both System consisted of web application build with NodeJS, Express, MongoDB and Computer Vision to detect the vehicle number plate and generate fine accordingly.

RELATED EXPERIENCE

Fort Logicell LLP, Mumbai, India

Feb 2017 – Mar 2017

Web Dev Intern

- Implemented feature enhancement and bug fixes.
- Web development using NodeJS, MongoDB, Firebase, PHP, HTML5, CSS and SQL Server.
- Developed and maintained REST API and enabled cross-platform compatibility.

OTHER EXPERIENCE

Web Development Head, SIES Graduate School of Technology, Mumbai, India

July 2017 - June 2018

Web Development Co-Ordinator, SIES Graduate School of Technology, Mumbai

July 2018 - June 2019

Technical Secretary, Dr. D. Y. Patil Polytechnic, Mumbai, India

June 2015 - May 2016

SKILLS

- **Languages:** C++, JAVA, JavaScript, PHP, SQL, Python
- **Web:** Django, NodeJS, AJAX, jQuery, REST API, MYSQL, MongoDB, AWS, Heroku

ACTIVITIES & AFFILIATIONS

- Winner of ByteCamp'17 Hackathon, India-Israel International Healthcare Hackathon
- <http://www.ijrar.org/papers/IJRAR19H1217.pdf> IJRAR 2019 (E-ISSN 2348-1269, P- ISSN 2349-5138)