Kaustubh Ajgaonkar

BACHELOR OF ENGINEERING: ELECTRONIC AND TELECOMMUNICATIONS

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Experience

Optel Group, Software Configuration Engineer
April 2021 to Current (1 Year 9 Months),

- Worked with multiple projects which catered to industry-leading pharmaceutical companies as a member of the core design team, configuring track and trace systems.
- Cooperate diligently with other cross functional teams to deliver the clients.
- Configured and tested systems and supported through various stages of a project lifecycle.
- Worked on XML, Python, Gitlab (VCS)
- Trained fresh hires for the same position

Innovians Technology, PLC and SCADA workshop, Intern, (2 weeks)

- Worked on basics of Industrial Automation using PLC (Programmable Logic Controller) and SCADA (Supervisory Control and Data Acquisition) with hands-on experience in both software and hardware.

Innovians Technology, Python Workshop, Intern, (2 weeks)

- Learnt basics of Python programming language

Projects

1. Lifeguard Assist Drone: Developed a proof-of-concept drone. This was done as a senior year project which helped us accomplish numerous achievements.
2. Optical Character Recognition: OCR was implemented using Pytesseract which is an OCR tool for python to read details from a bill.
3. Automatic Street Lighting System: Turns on the lights according to the time of the day and dims the lights when no movement on streets. Project was realized using Arduino, LDRs, IR Sensors

Achievements

1. Presented at India International Science Festival (23rd to 25th December 2020) and won the **2nd place under category, Atmanirbhar Bharat** organized by Ministry of Science andTechnology, Ministry of Earth Sciences, and Ministry of Health and Family Welfare, Govt of India, in collaboration with Vijnana Bharati (VIBHA) by Council of Scientific & Industrial Research (CSIR)
2. Presented a paper for an international conference, Oceans 2020, Mississippi, USA on Lifeguard Drone (4th – 14th October 2020) organized by IEEE Oceanic Engineering Society. Link in Publications
3. Presented at a National Symposium Aakash 2020, Organized by Aero Society of India (AeSI) on Lifeguard Drone (27th July 2020)

Summary

An aspiring software engineer with knowledge in coding. Looking for a challenging career where I can implement my coding knowledge so that I can further enhance my skills and advance in the organisation. Capability to work in teams and providing useful assistance. Quick learning curve and ability to operate in a team-oriented, fast-paced environment.

Technical Skills

- Python
- Git
- C
- C++
- Java
- XML (Markup Language)

Soft Skills

- Training/Presentation
- Adept at learning new skills
- Time Management
- Organizational and Collaboration skills

Education

Padre Conceicao College of Engineering (BE in Electronics and Telecommunications)
•Scored 64.61% throughout the years 2016-2020
St. Xavier's Higher Secondary School (HSC)
•Scored 65.6% during the year 2015-2016
Rosary English School (SSC)
•Scored 88.8% during the year 2013-2014

Publications

IEEE and Research Gate: Paper titled "Development of Lifeguard Assist Drone for coastal search and rescue".
IEEE Xplore: http://bit.ly/LGADroneIEEE
Research Gate: http://bit.ly/LGADRONE