

# MD SHOHRAB HOSSAIN

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## EDUCATION

- 2019 – Present **Master of Science in in Electrical and Computer Engineering**  
*University of Macau, Macau*
- 2015 – 2019 **Bachelor of Science in Electrical and Computer Engineering**  
*University of Macau, Macau*
- 2012 – 2014 **Higher Secondary School Certificate**  
*Birshreshtha Noor Mohammad Public College, Dhaka, Bangladesh*

## EXPERIENCE

- 07/2018-08/2018 **Electrical Power Engineering Intern**  
*University of Belgrade, Belgrade, Serbia*  
*Responsible for modelling sustainable energy system*
- Developed a sustainable future energy-system model for Bangladesh
- 05/2018- 06/2018 **Facilities Intern**  
*Sands China Ltd. (Venetian Macau Ltd.)*  
*Interned at the BMS, HVAC & CCP*
- Carried out daily task related to BMS, HVAC & CCP
- 01/2018 – 05/2018 **Energy Auditor Intern**  
*Energy Sector of University of Macau, Macau*  
*Responsible for the energy auditing process*
- Performed energy saving studies for Wu Yee Sun Library
- 05/2017 – 07/2017 **Research Assistant**  
*Electric Power Engineering Laboratory, University of Macau*  
*Responsible for the developing solar charge controller*
- Inspected battery management issues
- Project**
- Study on the ratio of renewable energy use in-Bangladesh based in energy system modelling**
- Developing and analyzing 100% renewable energy-system model

## SKILLS

- Programming: C++, Python, MATLAB
- Simulation Software: Proteus (ISIS), LTspice, Pspice, PSIM, Simulink
- Design & drafting: AutoCAD
- Video Editing: Final Cut Pro X
- Personal Skills: Creativity, Team Player, Critical Thinking, Future Focused, Optimistic

## LANGUAGES

- **Bengali**  
*Native Proficiency*
- **English**  
*Bilingual Proficiency*
- **Cantonese**  
*Elementary Proficiency*

## INTERESTS

- Astronomy
- Cricket
- Table Tennis
- Swimming
- Photography
- Reading
- Renewable Energy
- Writing

## HONORS AND AWARDS

- *University of Macau International Student Scholarship for Master Students*
- *University of Macau full free Scholarship for Asian Countries*
- *Bangladesh Government Junior Scholarship*