# Matthew Huebner

mhuebner@nd.edu | 262-689-7119 | Address: 1771 Laura Lane, Port Washington, WI, 53074

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**EDUCATION**   University of Notre Dame                                    Notre Dame, In
Electrical Engineering                                       May 2022
GPA: 3.662

**EXPERIENCE**   Satellite Ground Station Specifier                          Notre Dame, In
*Class project with Raytheon mentor*                         Fall 2019
♦   Constructed a GUI application in Python that allows a user to
calculate dish and antenna lengths for a ground station. This
involved orbit calculations, transmission gain calculations, and
object oriented programming.

Notre Dame Rocket Team                                       Notre Dame, In
*Recovery Team Member*                                       Fall 2019
♦   Researching, testing, and implementing electronic solutions
in order to correctly deploy our recovery system.
♦   Working on in interdisciplinary team to develop and test
recovery methods for our rocket launch.

Logic Design (Class)                                         Notre Dame, IN
*Open ended Final Project*                                   Fall 2019
♦   Used Verilog design, testbench, and implement a jukebox. This
Jukebox used a processor designed to manage a custom built
high level state machine. The project used an FPGA
board with the following input output devices: a VGA, keyboard,
audio, and LCD.

**Leadership**   Port Washington Marina                                      Port Washington, WI
*Deckhand/Supervisor*                                        Summer 2017-2019
♦   Coordinated with deckhands to provide all necessary services
for a functioning marina (Fuel, pump outs, ties, landscaping, etc).
♦   Provided excellent customer service for our 200 tenants and
transient boaters.

Boy Scouts of America                                        Port Washington, WI
*Eagle Scout*                                                Summer 2017

**INTERESTS**   WVFI Sports Broadcasting                                     Notre Dame, In
*Notre Dame Football Radio Caster*                           Fall 2019
♦   Calling Notre Dame football games for student radio.

## PROFICIENCIES
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Word, Excel, C,C++, Java, Solidworks(CAD software), Matlab, Verilog, Python