Matthew Pearson

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Education

BACHELOR OF SCIENCE | DECEMBER 2016 | UNIVERSITY OF FLORIDA

· Major: Computer Science Engineering
· Minor: Math and Electrical Engineering
· Related coursework: Microprocessor Applications and Data Structures

Skills & Abilities

· Experienced in Java, C++ and C#
· University of Florida Honors Program
· Eagle Scout
· Was a part of the Buchholz Math Team
· AutoCAD certified

Experience

RESEARCH | UNIVERSITY OF FLORIDA | JULY 2014-FEBRUARY 2015

· I am currently working on an agent based model of elephants and how they interact with their environment. This is to determine where water holes could be put with minimal impact to the environment. We use a program called MARS LIFE which is in its alpha stages of development by a team at the University of Hamburg.

RESEARCH | UNIVERSITY OF FLORIDA | JANUARY 2015-PRESENT

· I am also working in the Non-Linear Controls and Robotics lab trying to get aerial and ground vehicles to work together. We are using ROS as the backbone of the coding and will be using the combination of vehicles as a test bed for other projects.