

Nathaniel Lozano || Computer Engineer

<https://github.com/nathaniellozano> | <https://nathaniellozano.herokuapp.com/>

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Skills

Advanced knowledge of C/C++ || Basic knowledge in Assembly Language || Basic knowledge in Java || Basic knowledge in SQL || Basic knowledge in Ruby on rails || Experience with networking || Basic knowledge in Quartus 2/Verilog || Basic knowledge in image processing || Basic knowledge in python. || Advanced knowledge of data structures and algorithms || Basic knowledge of computer architecture || Advanced knowledge in calculus || Advanced knowledge in statistics || Experience with unit and integration testing

Education

- Mathematics Associates Degree (AS-INTM) from South Texas College (Spring 2017)
- Bachelor of Science in Computer Engineering (BSCE) from The University of Texas Rio Grande Valley (Fall 2020)
- Major in Computer Engineering – Concentration in Software

Projects

- Autonomous Drone Flight (Team Management, hardware development, and software development) https://github.com/nathaniellozano/autonomous_drone
- Book Recommendation App (Team Management, Back-End Development, and Agile Methodology) https://github.com/nathaniellozano/Book_reccomend_app
- Windows Server Group Policy (Server Management, Client Management, and p2p networking) https://docs.google.com/presentation/d/1wg9OFgPcES9Augalm_35tW9TJj0LGofV5WkaiVLY2W4/mobilepresent?slide=id.p
- Calculator GUI (Java based GUI Development) https://github.com/nathaniellozano/GUI_calculator

References

- Drexel, Lagare (Team Member, Windows Server Group Policy) [(956)215-4316, drexlag@gmail.com]
- Brandon Naumann (Professor) [(956)215-3721, Bnaumann9@gmail.com, Bnaumann@southtexascollege.edu]
- Dr. Emmett Tomai (Professor, Group Advisor, Autonomous Drone Flight) [(956)665-2320, emmett.tomai@utrgv.edu]