

Jheanell G. Tabana

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Objective: Professional mechanical engineer holding a career with a robotics company designing and implementing control systems for robots.

Education:

Pursuing B.S. major in mechanical engineering at the University of Florida (Fall 2010)
Pursuing B.S. minor in electrical engineering at the University of Florida (Fall 2010)
A.A. in engineering at Indian River Community College, FL (Summer 2007)

Research:

Continuing research under Dr. Eric Schwartz on improving the performance of the Subjugator, an AUV designed and produced by students in the Machine Intelligence Laboratory at the University of Florida.

Experience:

Programming: C, Fortran 77, MATLAB, LabVIEW, Quartus, Code Composer Studio v4
CAD: ProEngineer, Solidworks, PSpice
Prototyping: Soldering, machining (saw, milling machine, lathe, drill, etc.), testing (LVDT, strain gauge, oscilloscope, LSA, debugging software)
Hardware: CPLD, DSP, ICs, relays, electronic components
Academic: Mechanical Senior Design, Control of Mechanical Systems, Mechanics of Materials, Heat Transfer, Fluid Mechanics, Materials, Microprocessors, Circuits

Cumulative GPA: 2.40

Student Involvement *(my duties in parentheses):*

University of Florida:

Machine Intelligence Laboratory (designing parts, assisting in lab activities)
Society of Automotive Engineers (machining small parts)
American Society of Mechanical Engineers
National Society of Black Engineers
Society of Women Engineers
American Institute of Aeronautics and Astronautics

Indian River Community College:

Phi Theta Kappa (community events)
Campus Coalition for Government (represented Math Club)
IRCC Math Club (secretary, FTYCMA Math Olympics competitor '07)
IRCC Science Club
IRCC Honors Club (intellectual discussion)

Relevant Employer:

Indian River Community College Phone: (866) 866-4722
Position: Chemistry Laboratory Assistant