

Patrick Breslend

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Education

Florida State University. Tallahassee, FL, May 2012

B.S. in Electrical Engineering, Minor in Mathematics, Minor in Physics.

GPA 3.03 overall; 3.33 in major; Dean's List 4 times

Educational Interests:

FAMU-FSU Solar Car Treasurer, Electro-Mechanical Dynamics I & II, Fundamentals of Power Systems with Power and Energy Lab, Analytical Designs and Control Systems, Digital Communications, Electromagnetic fields I & II with lab, Micro based system designs, Photovoltaics.

Related Work Experience

Center for Advanced Power Systems- FSU. Tallahassee, FL, Spring 2012 (part-time)

Research Fellow- Gathering of data, information, and facts for the advancement of knowledge

- 1MW FREEDM System Green Energy Hub Demonstration, Intelligent Energy Management (IEM) Subsystem, and Intelligent Fault Management (IFM) Subsystem.
- Reliable and Secured Communications (RSC), Distributed Grid Intelligence (DGI), Distributed Energy Storage Device (DESD), Fault Isolation Device (FID), and Solid-State Transformer (SST)

FedEx Ground. Tallahassee, FL, Fall 2006-present (part-time)

Dock Supervisor- *Scan-weight-and-Key (SWAK) packages to specific location*

- Design and implement day-to-day sort plans to meet specified time constraints while achieving performance marks.
- Minimized bagging time delay with **implementation of new invention.**
- Utility employee perfected the performance of all positions in order to be a certified trainer.

Tom's Arcade dealer. Tallahassee, FL, Fall 2007-present (weekends)

Construction Management - *Organization Manager*

- Document the progression of construction projects including the delegation of tasks to each employee.
- Ensure that each arcade machine is built to completion under specific guidelines through checklists and testing.
- Construct containers into modular workstations for assembly line work on various components for arcade games.

Student Housing Solutions. Tallahassee, FL, Summer 2009 (full-time)

Maintenance Tech- *Crew Leader*

- Managed completion of daily tasks along with weekly goals.
- Finished summer project ahead of schedule and was able to move to an alternate job site to assist in completion of other properties.



Attributes

Inventor: (Patent owner January 2010) – Designed a multiple bag apparatus and bagging method. United States Patent 20110185684-A1.

Organizations

Phi Sigma Kappa: Brotherhood. Tallahassee, FL, Inducted in fall 2006

Brotherhood Chair- *Elected in spring 2007*, Building Chair- *Elected spring 2006*

- Provided construction management and advice on all projects including up keep of the Fraternity house.
- Planned and executed brother events aimed at strengthening brotherhood between new members and Alumni.