

Engineer A. Pirate

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Education

Auburn University, Auburn, AL *Bachelor of Science in Industrial and Systems Engineering*
GPA: 3.0

May 2007

- Institute of Industrial Engineers, IIE
- Pi Lambda Sigma Honors Pre-Law Society

August 2006 – May 2007

August 2003 – May 2007

Relevant Courses

- Electronics Manufacturing
- Six Sigma
- Operations Planning & Control
- Occupational Safety & Health and Ergonomics
- Stochastic & Deterministic Operations Research
- Statistical Quality Control
- Decision Support Systems for Operations
- Engineering Statistics
- Manufacturing Systems
- Manufacturing Processes

Experience

Auburn University, Auburn, AL *Undergraduate Research Assistant*

November 2006 – May 2007

- Constructed a data mining model and graphical user interface (GUI) for the data output in the research for An Optimization Model for Log Transport (J. Valenzuela, et al).
- Develop research using data mining and complex input/output model development for PJM Interconnection.
- Designed and coded the 2006 Institute for Operations Research and the Management Sciences (INFORMS) Combined Colloquia website.
- Coded the Energy, Natural Resources, and Environment (ENRE) section of the INFORMS website.

Jefferson Morrow, P.A., Jacksonville, FL *Intern*

May 2006 – August 2006

- Researched and studied capital appeal, personal injury, and neglect legal cases.
- Provided feedback to the Finance Committee for Mr. Morrow's Circuit Court judicial campaign.
- Designed, coded, and implemented Mr. Morrow's attorney bar-certified website.
- Assisted in writing and researching the capital penalty cases Thomas Bevel v. Florida and Ernest Downs v. Florida appealed to the Supreme Court of Florida.

Computer Skills

- Proficient in several programming languages including Java, Visual Basic, Matlab and HTML. .
- Skilled in CNC Programming, Solid Edge, Inventor 4, AUTOCAD, Mastercam X and Adobe Photoshop.

Certifications & Training

- Occupational Safety and Health Administration (OSHA) certified in General Industry Safety and Health.