

Evin Gamal Prather

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Objective

To obtain a design position in the field of Mechanical Engineering for a consumer products company

Education

Florida A&M University
Major: Mechanical Engineering
Graduation Date: 27 April 2002
Grade Point Average: 3.79/4.0

Tallahassee, FL

Activities & Honors

G.E.M. Fellow 2002; Florida A&M University Deputy Electoral Commissioner 2001-2002; Pi Tau Sigma; Tau Beta Pi; Golden Key Honor Society; National Society of Black Engineers; Dean's List; Florida A&M University Life-Gets-Better Scholar; National Achievement Scholar; National Honor Society

Work Experience

3M Corporate Process Technology Center
Intern, Summer 2001

St. Paul, MN

- Assisted in optimization of recloseable, single- and dual-sided fasteners
- Developed second-generation extrusion die designs for insulation displacement connectors
- Evaluated self-mating strand die designs
- Conducted material analysis and outlined optimal process conditions

3M Electrical Products Division
Intern, Summer 2000

New Ulm, MN

- Designed an automated electrical terminal assembly machine
- Drafted engineering drawings for manual crimp tools into CAD software
- Conducted waste analysis and updated bills of material for multiple departments

3M Engineering Systems Technology Center
Intern, Summer 1999

Woodbury, MN

- Developed CO₂ web cleaning process experimental procedure
- Designed a substrate positioning system for translational stage
- Optimized CO₂ web cleaning process parameters

Additional Skills

Mechanical Desktop
AutoCAD
MathCAD

Pro/Engineer
Davis Standard Extruders
Macromedia Dreamweaver, Fireworks, Flash

Unigraphics
Microsoft Office
Matlab