

VENKATESH (VENKY) BHARADWAJ

OBJECTIVE Seeking a challenging full-time position in a rich engineering and problem-solving environment

EDUCATION **GEORGIA INSTITUTE OF TECHNOLOGY – ATLANTA, GA – B.S.M.E. (EXPECTED)**
Major: Mechanical Engineering
Expected Graduation: May 2015
GPA: 3.40
Pi Tau Sigma: Mechanical Engineering Honors Society

SKILLS & ABILITIES **SOFTWARE:** MATLAB, AutoCAD, Autodesk Inventor, SolidWorks, Microsoft Excel, Logger Pro, SQL (basic), Spotfire
RELEVANT COURSEWORK: Control of Dynamic Systems, Energy Systems Design, Machine Design, Computing Techniques

EXPERIENCE **TEST ENGINEER INTERN, AKROMETRIX**
05/2014 – 08/2014
Validation of test equipment hardware and software interaction for surface metrology testing
LIFE SUPPORT SYSTEMS INTERN, GEORGIA AQUARIUM
05/2014 – 08/2014
Provide assistance to LSS operators in their projects
Inspection of treatment and holding area water quality and filtration systems
Activation of water motion systems in galleries
TECHNICAL INTERN, FIDELITY INVESTMENTS
06/2012 – 08/2012
Used SQL queries and data visualization software to provide visualizations to data team
Created a dynamic data visualization report for a top fund manager that broke down asset allocation
Designed a dynamic damage report visualization to create better data quality transparency

CLASS PROJECTS **BREWING EFFICIENCY DESIGN PROJECT**
01/2014 – 05/2014
Part of team which designed a steam recovery system for SweetWater Brewery
Responsible for producing parametric case studies as well as final presentation

STEADY-STATE THERMAL FINITE ELEMENT ANALYSIS PROJECT

09/2013

Modeled steady-state conditions for a concept reactor via MATLAB, by hard-coding in nodal convection and conduction energy balance relationships

ACTIVITIES

MALE PRACTICE PLAYER, GEORGIA TECH WOMEN'S BASKETBALL

08/2013 – Present

Run offenses and defenses of upcoming opponents

Play as point guard and shooting guard