

# Ibrahim Sanal

## Industrial Engineer / Business Analyst / Operation Manager

Alpharetta, GA - Email me on Indeed: [indeed.com/r/Ibrahim-Sanal/f5ad36dd6acc1911](https://www.indeed.com/r/Ibrahim-Sanal/f5ad36dd6acc1911)

- Over 4 years of mixed experience in education, service, and manufacturing sectors, projects involving Financial Analysis, Operation Improvement, Data Mining,
- Supervision and directorship of Georgia Private School's Division of Technology Fair,
- Proficient in prioritizing and completing tasks in a timely manner, yet flexible to multitask when necessary,
- An increased interdisciplinary awareness working as an inspector
- Obtained accomplishments and contributions through master-level education within the concentration of Business Analysis and Operation Management,

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Core Competencies:

Initiative

Operation Research

Quality Compliance & Audit Controls

Facilitation & Instruction

Data Analysis

Analytical Thinking

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Willing to relocate: Anywhere

Authorized to work in the US for any employer

## WORK EXPERIENCE

### AP Computer Science Principles Instructor / Computer Science Instructor

Fulton Science Academy Private School - Atlanta, GA - January 2014 to Present

Jan 2014 - Present

- Instruct and engage students with rigorous curriculum rooted in Data Analysis, PYTHON programming, Internet Security
- Instruct students with JavaScript coding
- Prepare students for interactive projects and comprehensive end-of-year examination
- Offering courses in Programming, Web Design (HTML, Javascript), 2D-3D Modeling, Office Programs, Game Design, Mobile Apps, Hardware

### Academic Coach

Fulton Science Academy Private School - January 2014 to Present

Guiding students to Tech Fair competition; supervising all practices, organizing and conducting selection process, procuring a thorough understanding of the rules and regulations regarding Tech Fair competition

### Technology Fair Director

Fulton Science Academy Private School - Atlanta, GA - January 2014 to Present

- Organizing regional level competitions for 300-400 student participants
- Guiding students, advising to committee
- Involved in organizing state level competition with more than 1000 participants

### **Data Mining Project**

Georgia State University - February 2016 to May 2016

- Based on potential uses in areas including: Targeted product marketing, Pre-approved credit card offers, Luxury good manufacturers, analyzing census data to predict whether income that people have exceeds \$50,000 a year through SAS software

### **Industrial Engineer**

Kaynak Holding - Istanbul, TR - August 2011 to August 2013

Quality Control Inspection for 30+ business locations - Control management over services' effectiveness, financial reliability and compliance with all applicable directives and protocols

- Acquire, synthesize, and evaluate accounting documentation, previous reports, data, and flowcharts
- Engage in continuous company expansion rules, regulations, best practices, and techniques

### **Financial Analysis Project**

Cement Companies - April 2011 to June 2011

Investigating best investment option in Adana's Cement Companies' shares through financial analysis, making a comparison based on analysis ratios in order to see companies' performance

### **Operation Research Internship**

IDAS Furniture, Balikesir - TR - February 2010 to July 2010

Determining and clarifying strategic and professional problems with appropriate employees; collecting, analyzing, and interpreting data; presenting results and implementing agreed solutions

### **Stock Planning Project**

Kastamonu Entegre - TR - December 2009 to February 2010

Better planning at minimum cost was improved in factory inventory. Developing a joint optimization model to gain the optimal inventory level, activity durations to balance cost of keeping inventory and order

## **EDUCATION**

### **Master of Science in Business Analysis**

Georgia State University, J. Mack Robinson College of Business Atlanta - Atlanta, GA  
May 2017

### **Master of Science in Operation Management**

Georgia State University, J. Mack Robinson College of Business Atlanta - Atlanta, GA  
May 2017

### **Bachelor's in Industrial Engineering**

Balikesir University, School of Engineering - Balikesir, Turkiye  
September 2007 to June 2011

## **SKILLS**

Programming: PHYTON JavaScript SQL SAS HTML CSS, Applications: SPSS, Tableau, MS Project, Advanced Excel, Advanced Access, 3D Solidworks

## AWARDS

### **IDAS Furniture, Balikesir, Turkey**

A study of optimization at a decreased cost of 12% with a total decreasing process time of an order by one week; improving the planning of factory process; assigning right employees in rotation of flow; recognized as finalist at the national - level competition of ITU EMOS in Turkey in 2010

### **Tech Fair Academic Team**

Yearly Tech Fair competitions are comprised of over 1,000 student competitors participating 16 different categories:

- o 12 Tech Fair Awards 2016-17
- o 9 Tech Fair Awards 2015-16
- o 6 Tech Fair Awards 2014-15
- o 1 Web Challenge Award 2014-15

## CERTIFICATIONS/LICENSES

### **ISO 9001:2008 Quality Management, PersonaTR**

May 2011 to Present

System Auditor / Lead Auditor Training

### **OHSAS 18001:2007 Occupational Health and Safety Management, PersonaTR**

May 2011 to Present

System Internal Auditor Training

### **ISO 14001:2004 Environmental Management Systems, PersonaTR**

May 2011 to Present

Internal Auditor Training

### **Lean Six Sigma Yellow Belt, GoLeanSixSigma**

May 2011 to Present