

EMIN AFANDIYEV

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To obtain a full time position in the Mechanical Engineering

EDUCATION

High School

Namik Akhundov School № 1 – Baku, Azerbaijan 2003 –2012

- 1st place at the Informatics Olympic Games
- High School Diploma
- Overall GPA: **3.50**

Bachelor of Science: **Mechanical Engineering** Jan 2013 to Present (May 2017)
Arkansas State University – Jonesboro, AR

- Classification: Senior
 - Current Overall GPA: **3.269**
 - Major GPA: **3.30**
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PROFESSIONAL EXPERIENCE

Anglo-American Company LTD - Baku, Azerbaijan May 2013-Aug 2013
Position: *Receptionist and Front Office Manager*

- Receive calls, serve customers
- Work with documents and invoices

Arkansas State University Library – Jonesboro, AR April 2015 – May 2016
Position: *Student Assistant*

- Receive calls, serve customers
 - Shelf and arrange books, work with documents
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SKILLS

Technical Proficiency

- SolidWorks
- MATLAB
- Simulink
- Microsoft Office (Word, Excel, PowerPoint, Outlook)
- LabVIEW

Languages

- Fluent in English
- Fluent in Russian
- Fluent in Turkish
- Fluent in Azerbaijan

MECHANICAL ENGINEERING PROJECTS

- **Poultry House HVAC System:** Collaborated as a member of a Senior Design team to design and build a geothermal model which may help Peco Foods, Inc. to reduce the death of poultry. I was responsible for research, fabrication, and testing. I performed design calculations and cost analysis. Cooperated with Peco Foods, Inc. management. Updated faculty advisor in weekly meetings and presented project proposals, progress reports, and final reports. I ensured the design met all codes and standards.
 - **Tire Pressure Tester:** Collaborated as a member of the team to design and build Tire Pressure Tester. This apparatus was made to measure damping for different tire pressures. I was responsible for building VI program in LabVIEW and testing. I presented progress reports and the final report with successful testing data. I ensured design met all codes and standards.
 - **HPV Load Frame:** Cooperated in a team by combining ideas for Human Power Vehicle's Load Frame 3D SolidWorks design and led the construction of HPV Load Frame. HPV Load Frame was made to test HPV's frame by applying 600 pounds.
 - **Sumobot:** Collaborated in a team by designing and constructing of 50 pound sumobot made to push other sumobot out of circle. I was responsible for design and fabrication of a robot.
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LEADERSHIP

- ASHRAE President
 - ASME Competition Lead Captain
 - SGA International Senator
 - Virgene Horn Memorial Scholarship
 - Captain in Intramurals Indoor Soccer, Volleyball, Dodgeball and Bowling teams
 - U-18 Azerbaijan National Basketball team's and Maccabi Baku's player
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RELEVANT COURSEWORK

- HVAC
- Fluid and Thermal Systems
- Thermodynamics I,II
- Fluid Mechanics
- Heat Transfer
- Process Monitoring and Controls
- Control Systems
- Machine Design
- Mechanical System Design
- Finite Element Analysis