Rhonin Faruqi

Menlo Park, CA ● rhoninfaruqi@gmail.com ● (650) 288-5762 ● www.linkedin.com/in/rhoninfaruqi

EDUCATION

UC Santa Barbara   Santa Barbara, CA

BS in Mechanical Engineering (GPA: 3.84, Dean's Honors)   September 2022 - June 2026

- Relevant Coursework: GD&T, Mechatronics, Machine Shop, Statics, Materials, Dynamics, CAD & Design, Thermodynamics(I and II), Fluid Mechanics(I and II)
- Dual specializing in Control Systems and Design

WORK EXPERIENCE

Engineering Intern   June 2024 - September 2024

West Coast Catheter*   Redwood City, CA

- Designed, 3D printed and used 15 custom testing jigs to collect data on proprietary catheter technology
- Created and organized company's entire database of engineering drawings using SOLIDWORKS
- Assembled and operated biomedical testing equipment and machines for catheter creation and data collection
- Gained experience in the startup environment, worked closely with CEO
  *West Coast Catheter is a small biomedical startup seeking to revolutionize the catheter industry with their proprietary Conform® technology.

Semiconductor Wafer Bonding Assembly   March 2025 - June 2025

UCSB Nanofabrication Laboratory   Goleta, CA

- Designed 3D models, drawings and assemblies for high temperature bonding of semiconductor wafers to be used by the entire laboratory
- Coordinated with international suppliers and manufacturers to ensure production quality

OTHER EXPERIENCE

Chess Instructor/Coach   September 2024 - Present

Academic Chess   Santa Barbara, CA

- Teaching young students fundamental chess rules and strategy
- Successfully manage groups of 20+ students

Robotics & 3D Printing Instructor   June 2024 - August 2024

iDTech   Palo Alto, CA

- Taught students 3D modeling with Blender, operation and maintenance of 3D printers
- Guided students through an introduction to design and operation of simple robots
- Maintained safe and productive work environments

SKILLS

- CAD Software: Solidworks, Onshape, Blender, Autodesk Fusion, COMSOL
- Technical Languages: MATLAB (Fluent), Arduino (Fluent), Java (Fluent), Python (Fluent), Bash (Fluent)
- Manufacturing skills: 3D Printing, CNC, Lathe, Bandsaw, Drill Press, Woodworking, Oscilloscope, Digital Multimeters
- Other Software: Microsoft Excel, Google Sheets, Wix, Ultimaker Cura
- Languages: English (Fluent), Spanish (Conversational)

ACHIEVEMENTS

National Merit Finalist

- Among the top 15,000 highest SAT Scores in the nation

AP Scholar With Honors

- Among top 10% of AP Students, given for earning a 4 or higher on more than 5 AP exams.

PROJECT PORTFOLIO

https://www.rhoninfaruqi.com