

Eric D'Ambrosio-Correll
eocorrell@gmail.com
www.dambrosio-correll.info
(516) 974-6038
45 The Blvd. Sea Cliff, NY 11579

Purpose Seeking employment as a mechanical engineer utilizing my design, leadership and manufacturing skills.

Education

Massachusetts Institute of Technology **Cambridge, MA**
• Bachelor of Science in Mechanical Engineering, February 2011.
• Relevant Courses: Precision Machine Design, Elements of Mechanical Design, Measurement and Instrumentation, Intro to Microcontrollers, Management in Engineering, Mechanics and Materials I and II, Dynamics and Control I and II, Thermo Fluids I and II, Design and Manufacturing I and II, Differential Equations, Structure and Interpretation of Computer Programs.

Experience

Basaran Grinder Corporation, May 2011 – Present **Hauppauge, NY**
Mechanical Engineer
• Design custom grinding machines to integrate with high volume manufacturing facilities
• Oversee manufacture of precision grinding machines
• Develop new manufacturing processes
• Design sheetmetal enclosures

Novartis contracting through MIT, September 2009 – May 2011 **Cambridge, MA**
Mechanical Engineer
• Design and fabricate a continuous automated pharmaceutical dryer
• Design and execute experiments to develop process parameters

MIT Formula SAE, August 2006 – May 2011 **Cambridge, MA**
Team Manager
• Led a ¾ scale F-1 race car team to a top 10 finish in an international competition
• Design, analyze and fabricate all vehicle components

QinetiQ-NA (Apogen Technologies), June 2009 – August 2009 **San Diego, CA**
Intern
• Conduct structural and thermal analysis on electro-mechanical and optical systems

Massachusetts Archives, January 2008 – January 2011 **Cambridge, MA**
Design Engineer
• Design and fabricate enclosures to preserve 5 founding documents for the state of MA

Sperian Fire (formerly Survivair), June 2007 – August 2007 **Santa Ana, CA**
Engineer's Assistant
• Test apparatus components to ensure design meets federal requirements

Skills

- Solidworks, Mastercam, Macintosh and Windows, Excel, Word, Project, Matlab, Scheme
- Proficient with CNC and manual machine tools
- Fluent in Spanish
- Experience with vehicle restoration and modification

Leadership/Awards

- Eagle Scout
- Teaching Assistant for Design and Manufacturing I (MIT, Spring 2008 – Spring 2011)
- Started a small mobile brake service business (2005 – 2011)