Internship Opportunity: Mechanical Engineer

* Do you identify with BURN’s mission?
* Are you precise?
* Are you exact with details?
* Are you proactive and independent?
* Are you a person that can individually achieve while being part of a team?
* Are you the type of person that enjoys an environment of continuous change?
* Are you a team member that can work under pressure and smile?
* Are you a hardworking, flexible person?
* Are you passionate and never get bored with what you do?
* Are you proud to belong to a unique group of individuals that works long hours for a common cause?

If you answer YES to these questions then we would love to hear from you.

# Position

Our mission at BURN Design Lab is to save lives and forests in the developing world through the design and dissemination of clean burning cookstoves. We currently have an opening for a 3 – 6 months Mechanical Engineering internship at BURN Design Lab on Vashon Island, WA (outside of Seattle) for summer – fall 2012. BURN Design Lab will provide housing. Stipend is available for qualified candidates.

The position will assist in: Conceptual design of clean burning biomass cookstoves for East Africa; SolidWorks drawing of cookstoves and tooling; Prototyping cookstoves and tooling including sheet metal forming, welding, and general metal fabrication; Testing cookstove performance, durability and emissions; Manufacturing, tool design, process flow, and equipment sourcing.

# Desired Experience

* Mechanical Engineering background (or the like)
* Process flow, manufacturing strategy, familiarity with SOP’s IMS’s, QA measures.
* Tool and die design: experience in sheet metal forming and punching dies.
* Equipment: experience sourcing, specing production presses, brakes, sheet metal forming
* Mfg. Overhead: analyze factory energy budget, utilities, process bottlenecks, BoM, procurement.
* SolidWorks
* Sheet metal fabrication including MIG welding
* Experience in CNC tools

# Apply

To apply please send your CV and cover letter to HR@burndesignlab.org in the following filename format: <[First Name, Last Name], Mechanical Engineer Internship [CV/Cover Letter], [Date]>.

For more information on BURN Design lab please visit www.burndesignlab.org or visit our Facebook pagewww.facebook.com/BURNDesignLab