PROFILE	University of Washington electrical engineering graduate with a combination of 3+ years of experience in
	academic and commercial medical device research and development.

## EXPERIENCE TEST ENGINEER / CONTRACT ENGINEER

PhysioSonics, Inc.; Bellevue, WA March 2009 – April 2010, February 2011 – November 2011

- Assisted in development of acoustic testing protocol for developmental TCD ultrasound device. This
  work involved being trained on commercial test and measurement products and developing in house test
  equipment and software suite
- Assisted in hardware product development of ultrasound device
- Gained familiarity with FDA approval requirements for medical ultrasound devices
- Assembly of in house manufactured ultrasound transducers for use with developmental TCD ultrasound devices
- Provided IT support for company using both Windows and OSX based systems

## SPECIALIST

Apple Store: Bellevue, WA

- Ranked #1 Top Performer for 3<sup>rd</sup> quarter 2009
- Sales and technical troubleshooting of complete line of Apple products and related third party products
- Expand upon relationships with existing users of Apple products and establish relationships with users new to Apple products

## STUDENT RESEARCH ASSISTANT

UW Applied Physics Lab/Dept. of Neurological Surgery; Seattle, WA May 2006 – December 2008

- Helped develop and implement a bench-top device to non-invasively measure intracranial pressure (ICP), based on a custom combination of HIFU and diagnostic ultrasound devices capable of palpating tissue and measuring the resulting displacement on a sub-micron scale
- Analyzed human-derived TCD data and its relationship pressure
- Helped develop control and data acquisition software and experimental protocols.
- Breadboard and assemble individual prototype circuits

## VOLUNTEER

Seattle Children's Hospital; Seattle, WA

May 2005 - July 2006

December 2008 - August 2009

- Assisted neurosurgery resident in clinical study investigating outcomes of surgical resections of brainstem gliomas
- Shadowed neurosurgery team in clinical consultations and observed a variety of pediatric neurosurgery procedures

EDUCATION	UNIVERSITY OF WASHINGTON
	Seattle, WA – Bachelors of Science Electrical Engineering – June 2008
	- Electrical engineering coursework specialized in digital signal processing
	- Completed all coursework for AAMC pre-medical requirements
TECHNICAL	MATLAB programming
SKILLS	Experience with LabView and JAVA programming
	Electronics circuit layout and assembly
	Proficiency with laboratory equipment i.e. function generators and oscilloscopes
	Excellent verbal and written communication skills
AWARDS /	UW College of Engineering Dean's List
ACTIVITIES	Hardisty Scholar 2007 – 2008 (Undergraduate research scholarship given by UW Applied Physics Lab)
	UW SEBA Science and Technology Showcase 2007 WRF 2 <sup>nd</sup> Runner Up
	UW Undergraduate Research Symposium 2008 Presenter
REFERRALS	Available upon request