

# PO T. WANG

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| <b>Education</b>               | <b>Ph.D. in Biomedical Engineering, University of California, Irvine, CA, 2008 – 2014</b><br>Dissertation title: Novel Data Processing Techniques for High-Performance Brain-Computer Interface.<br>Advisor: Dr. Zoran Nenadic<br><b>M.S. in Biomedical Engineering, University of California, Irvine, CA, 2007 – 2008</b><br><b>B.S. in Bioengineering, Rice University, Houston, TX, Graduated <i>cum laude</i>. 2003 – 2007</b>  |
| <b>Honors</b>                  | W. L. Moody, Jr., Scholarship in Engineering, 2006  |
| <b>Professional Experience</b> | <b>University of California, Irvine, CA</b><br><i>Postdoctoral Scholar</i> Sep 2014 – Present <ul style="list-style-type: none"><li>▪ Designs BCI signal-processing electronics and software</li><li>▪ Maintains the computer networks within the laboratory</li></ul> <i>Graduate Student Researcher</i> Aug 2008 – Sep 2014 <ul style="list-style-type: none"><li>▪ Designs experiments, software, and devices for brain-computer interface (BCI) research</li><li>▪ Conducts BCI experiments involving human subjects, including subjects with spinal cord injury, stroke, and epilepsy</li></ul> <i>Teaching Assistant</i> Apr 2009 – Jun 2011 <ul style="list-style-type: none"><li>▪ Led and supervised student lab sessions on instrumentation amplifiers and electroencephalography (EEG)</li><li>▪ Advised students concerning class and lab work</li><li>▪ Taught lectures in professor's absence</li></ul> <b>Rice University, Houston, TX</b><br><i>Laboratory Assistant</i> Spring 2007 <ul style="list-style-type: none"><li>▪ Led undergraduate lab sessions on bipolar junction transistors and audio amplifiers</li></ul> <b>Cypress Falls High School, Houston, TX</b><br><i>Laboratory Technician</i> 2002 <ul style="list-style-type: none"><li>▪ Prepared chemicals and materials for the high school's Chemistry Department</li></ul> |
| <b>Languages</b>               | Fluent in English and Chinese Mandarin  |
| <b>Computer Skills</b>         | Proficient in MATLAB, TCL, C#, C++, HTML, PHP, Regular Expressions, LaTeX, Microsoft Office, Adobe Photoshop, Premiere, and Dreamweaver, CAD, EDA software, SOHO network administration.  |
| <b>Laboratory Skills</b>       | Aseptic techniques, electronic soldering, mounting and preparing EEG caps, microcontroller programming, DSP programming   |
| <b>Volunteer Work</b>          | <b>University of California, Irvine, CA</b> 2008 – present<br>Volunteered in outreach activities for community college, high school, and middle school students with Dr. Debra Mauzy-Melitz to promote engineering.<br><br>Disability Support Services, <b>Rice University, Houston, TX</b> Fall 2003<br>Took notes for students with disabilities<br><br>Client Services, <b>Bear Creek Assistance Ministries, Houston, TX</b> 2002<br>Data entry for confidential client information, providing support and minor repair for office equipment, and improving operating procedures of client services.   |
| <b>Citizenship</b>             | U.S. citizen  |