Masaru OHKUBO

Personal Data

Place and Date of Birth:
Address:
Phone:
email:

Education History

April 2015 -	Enrolled in PhD Course **The University of Electro-Communications**, Tokyo, Japan Major: Information Science Advisor: Assoc. Prof. Takuya NOJIMA
April 2013 - March 2015	Master of Engineering **The University of Electro-Communications**, Tokyo, Japan (National University) Major: Information Science Thesis: “The research of the fur-like interface toward human augmentation” Advisor: Assoc. Prof. Takuya NOJIMA
April 2009 - March 2013	Bachelor of Engineering **The University of Electro-Communications**, Tokyo, Japan Major: Electronics Thesis: “The digital control of the interleave PFC boost converter circuit using DC-DC converter as its load” Advisor: Assoc. Prof. Kohji HIGUCHI
April 2006 -March 2009	Graduated Ueno High School, Tokyo, Japan

Research History

April 2015 - Current	Research Assistant, UEC Currently working at Nojima lab, UEC as a research assistant. Leading the Hairlytop research group and supervising junior students.
Oct 2014 - Current	Joint Research Participated the joint research project with Joshibi university of art and design. Developing media art works with the background of software and hardware engineering.
April 2013 - March 2015	Directed Research, UEC Worked on the research about the Hairlytop Interface at Nojima Lab. Developed the applications of the interface and researched the shape-changing, tangible, haptic interfaces. Wrote 2 poster papers and 1 accepted demo for international conference. Got the innovative technologies award at the Digital Contents Expo sponsored by the Ministry of Economy, Trade and Industry Japan. Supervised by Assoc. Prof. Takuya NOJIMA
April 2012 - March 2013	Graduation Research, UEC Did a research about digital control system for power supply circuit. Developed approximate 2-degree-of-freedom digital controller for PFC power supply circuit using DC-DC converter as its load. Learned embedded system with RX621 by Renesas electronics. Supervised by Assoc. Prof. Kohji HIGUCHI.

Awards

Mar 2014	Commended as an excellent student of the year by the university
Oct 2013	Digital Contents Expo Innovative Technologies Awards

Languages

English Capability:	Business Level Fluency
Japanese Capability:	Native Language

Computer Skills

Programming:	C/C++, Python, R, HTML/CSS/Javascript, PHP, Linux, BGScript, Ruby, LaTeX
Software:	MATLAB, Microsoft Visual Studio, Xcode, Microsoft Office Suite, Android Studio Arduino, Processing, KeilμVision, EagleCAD, Simplicity Studio
Hardware:	AVR, ARM Coretex-M, PIC/dsPIC, 8051, Renesas RX, nRF51822 OPamp/Transistor/Vacuum tube circuit
OS:	Windows, Mac, Linux

Activities

April 2015	Participated student volunteer of the CHI 2015 Seoul, Korea
July 2013	Got award from Mainichi Shodo Exhibition
Feb 2012	Hold 1st International Mother Language Day Japan