

Jounghyuk Suh

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EDUCATION

- Aug, 07 ~ present* **Arizona State University** **Arizona, USA**
Department of electrical Engineering
- Master of Science Candidate
 - Advisor: Dr. Bertan Bakkaloglu
 - Current GPA: 3.58/4.3
 - Courses taken: VLSI Design, Advanced Analog Integrated Circuits, Delta-Sigma Data Converter, Communication Systems, High-Speed VLSI I/O Circuits, Digital Signal Processing, etc.
- Mar, 00 ~ Feb, 07* **Korea Aerospace University** **Seoul, Korea**
School of Electrical & Telecommunication Engineering
- Received Bachelor of Engineering
 - Advisor: Dr. Choonsik Cho
 - GPA : 3.8/4.0(Cum Laude)

RESEARCH EXPERIENCE

- Jan, 08 ~ present* **Research Assistance**
Department of Electrical Engineering, Arizona State University, Arizona, USA
- Designed analog mixed integrated circuits.
- Sep, 05 ~ Jun, 07* **Research Assistance**
RF Circuits Laboratory, Korea Aerospace University, Seoul, Korea
- Designed passive and active RF circuits (*Filters, Couplers, Power Amplifiers, Mixers, VCOs and LNAs*).
- Jun, 05 ~ Aug, 06* **Group leader of the Vacation Study Group**
Communication and Broadcasting System Laboratory
Korea Aerospace University, Seoul, Korea
- Researching C program advised by Professor Jongtae Lim.

PROJECT

- Jan, 08 ~ present* ***‘Neural-Enabled Prostheses with Sensorimotor Integration’***
Bioengineering Research Partnership
- Sep, 06 ~ Jun, 07* ***‘Folded Voltage Controlled Oscillator’***
- Jun, 06 ~ Sep, 06* ***‘Standing Wave Oscillator Utilizing wave-adaptive tapered transmission lines’***
- Sep, 05 ~ Jun, 06* ***‘A Broadband High Efficiency W-CDMA Balanced Power Amplifier Using Cascode Configuration’***

PAPER

Jounghyuk Suh, Choonsik Cho, “*Wideband Tuning Range & Low Phase Noise VCO Using Common-Gate Configuration*,” 2007 Korea Aerospace University Paper Contest.

WORK EXPERIENCE

- Jul, 06 ~ Aug, 06* **Pantech Corporation** **Seoul, Korea**
SKY leader
- Worked as a promotion leader of the cell phone, SKY.

- Mar, 04 ~ Feb, 05* **Saejin Landscape Architecture Corporation** **Seoul, Korea**
Assistant Network & System Manager
• Maintained and Upgraded of the Computer Systems, Network and Homepage.
- Jun, 02 ~ Feb, 04* **Republic of Korea Marine Corps** **Ganghwa, Korea**
Sergeant, Wired and Wireless Communication Technician
• Designed and executed military ceremonies such as a model plane competition.
- Jun, 00 ~ Dec, 01* **K-Bench** **Seoul, Korea**
Computer Hardware Reviewer
• Evaluated new products.

EXTRACURRICULAR ACTIVITIES

- Jun, 08 ~ present* **Electric Vehicle Club in Arizona State University** **AZ, USA**
- Jan, 08 ~ present* **International Bible Club in Arizona State University** **AZ, USA**
- Mar, 00 ~ Dec, 06* **Airwings (A Football Club of Korea Aerospace University) Seoul, Korea**
Ex-captain (2004) & Team couch (2005)
• Worked as a voluntary farmer at Cholwon, Kangwon in the summer (2005, 2006)

LANGUAGES & OTHERS

Honors & Awards

- Received the Chairman's Award twice in 2005, spring and fall.
- Scholarship Award for the Enhancing Microwave Business Association in 2006.

Computer Skills

- **Languages:** *C/C++, Java, Visual Basic, VHDL(Verilog)*
- **Software:** *Ansoft Designer, Advanced Design System (ADS), Cadence, LabVIEW, Matlab*

Others

- Basic skill of musical instruments (piano, violin and flute)