

JOOMYUNG (MATT) SONG

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<https://joomyung.github.io/>

SKILLS

Certifications	Certified Clinical Research Professional (CCRP)
Programming Languages	MATLAB, Python, JavaScript, SQL
Computer skills	Git/Github, Linux, G Suite, Google Cloud Platform
Languages	English, Korean

EDUCATION

University of Southern California , Los Angeles, CA	MS in Biomedical Engineering	May 2017
Yonsei University , Seoul, South Korea	BS in Mechanical Engineering	Aug 2011

PROFESSIONAL EXPERIENCE

Advanced Research Center , Anaheim, CA	Jul 2017 ~ Present
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Clinical Data Specialist

- Develop and administer electronic data capture (EDC) and electronic medical records (EMR) systems
- Design electronic case report forms (eCRFs) and edit check programs of 30+ clinical research studies
- Lead a team of 3 members to design eCRFs and edit check programs of 30+ clinical research studies
- Responsible for clinical data management activities (i.e., eCRFs design to database lock)
- Check data entry quality and resolve queries (Medidata Rave and OpenClinica)

Brain-Body Dynamics Lab , USC, Los Angeles, CA	May 2017 ~ Jun 2017
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Research Assistant

- Assisted in creating virtual reality modules to simulate control of prosthetic robot fingers
- Statistically analyzed neural data (EEG and EMG) and finger force exerted on an object using MATLAB

Computational Neuro-Rehabilitation Lab , USC, Los Angeles, CA	Sep 2015 ~ May 2017
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Research Assistant

- Utilized the Linear Mixed Effects Model to analyze and visualize kinematic data using MATLAB
- Simulated computational modeling of error-based motor learning for hypothesis verification using MATLAB
- Created a poster presentation at the Society for Neuroscience 2016 in San Diego

MANAGEMENT EXPERIENCE

Beauty Plus , Santa Ana, CA	Sep 2012 ~ Aug 2015
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Manager

- Managed Beauty Plus (women's clothing store), with sales of approximately \$60,000 per month
- Assisted customers in all aspects of store services including handling complaints and inquiries
- Trained and supervised six retail assistants, resulting in revenue growth by 15% annually

Republic of Korea Army , Yanggu-gun, Gangwon-do, South Korea	Feb 2005 ~ Jan 2007
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Sergeant (Squad Leader of Observers), 183rd artillery battalion

- Led a squad of 9 observers in the Demilitarized Zone (DMZ) to report activity of North Korean army