

JOOMYUNG (MATT) SONG

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

SKILLS

Certifications	Certified Clinical Research Professional (CCRP)
Programming Languages	MATLAB, Python, JavaScript, SQL, SAS
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

- Deploy and manage electronic data capture (EDC) and electronic medical records (EMR) systems
- Responsible for clinical data management activities (i.e., eCRFs design to database lock)
- Develop and review standard operating procedures (SOPs) and DMP (Data Management Plan)
- Lead a team of 3 members and design electronic case report forms (eCRFs) and edit check programming of 60+ clinical research studies (Medidata Rave and OpenClinica)
- Check data entry quality and raise and resolve queries (Medidata Rave and OpenClinica)
- Assist with study start up across CDA, FQ, CTA, and SIV

Anti-Fragility Health , Anaheim, CA	Jan 2018 ~ Present
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Director of Information Technology

- Oversee all technology operations, including systems and network administration
- Manage IT budget and external IT vendors and consultants
- Maintain backup and disaster recovery plans for all technological infrastructure
- Train and support staff technology needs to best utilize the systems

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

- Statistically analyzed neural data (EEG and EMG) and finger force exerted on an object (SAS)
- Utilized the Linear Mixed Effects Model to analyze and visualize kinematic data (SAS and MATLAB)
- Simulated computational modeling of error-based motor learning (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