

# Young Joo KIM

Ph.D. Student  
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## Education

- 09/2017 ~ Present University of Maryland, College Park, Maryland  
Ph.D. Student, Civil and Environmental Engineering (Project Management)
- 03/2013 ~ 02/2015 KEPCO International Nuclear Graduate School (KINGS), Ulsan, South Korea  
Master of Science, Nuclear Power Plant Engineering  
\*Thesis: "A Scenario-based Electricity Expansion Plan for North Korea after Reunification using WASP-IV Package"  
\*The degree was fully funded by Samsung C&T Corporation. I was one of two employees selected.
- 03/2001 ~ 02/2009 Hanyang University, Seoul, South Korea  
Bachelor of Science, Mechanical Engineering  
\*Delay in graduation was because of military service and exchange student program participation.

## Relevant Work Experiences

- 05/2016 ~ 06/2017 **Engineering Development Research Center at Seoul National University, Seoul, Korea**
- Senior Researcher
    - Developed training material on international power plant EPC contracting
    - Structured three-staged project management refresh training curriculum for professionals
    - Coordinated importation of project management training programs from U.S.-based PetroSkills and France-based IFP Training (worth of US\$ 500,000)
- 02/2009 ~ 02/2016 **Samsung C&T Corporation Engineering & Construction Group, Seoul, South Korea**
- Project Expeditor (HQ-based) for 2,500MW Umm Al Houl Power Plant Project, Qatar
    - Prepared various progress reports for the company's higher management
    - Assessed project team's performance in terms of human resources mobilization as well as engineering, procurement, and construction progress
    - Communicated HQ PM team's advice, opinion, and direction to the site project team
  - Project Coordinator (site-based) for 1,023MW EMAL Phase 2 Combined Cycle Power Plant Project, Abu Dhabi, United Arab Emirates
    - Drafted business letters on various contractual issues toward the owner and suppliers
    - Negotiated with equipment suppliers on terms & conditions of purchase orders for procuring main equipment, e.g. turbines and generators (worth of US\$ 200 million)
    - Participated in negotiation with the owner for EPC contracting (worth of US\$ 500 million)
  - Contract Associate (site-based) for 1,510MW Shuweihat S2 Power Plant Project, Abu Dhabi, United Arab Emirates
    - Participated in the final settlement process with the owner to set off claims against delay liquidate damages
    - Drafted business letters on various contractual issues toward the owner and members of the EPC consortium
    - Worked with West Abu Dhabi Municipality and obtained Building Permit and Building Completion Certificate

## Other Work Experiences

- 09/2017 ~ Present **Office of Faculty Affairs, University of Maryland, College Park, Maryland**
- Graduate Administrative Assistant
    - Assisting with promotion and tenure dossier review; Researching how our peers, e.g. BIG10, handle faculty procedures; Drafting, proofing and editing office documents

**Presentations**

- 11/2017 “Re-engineering Subcontract,” Research Proposal to Clark Construction, College Park, Maryland (unfunded)
- 05/2016 Young Joo Kim (2016) “Identifying Issues in Applying Integrated Project Delivery to Domestic Nuclear Power Plants Construction Projects” (Oral), *the Korean Nuclear Society 2016 Spring Meeting*, Jeju, Korea
- 10/2014 Young Joo Kim and Choong-koo Chang (2014) “Preparatory Work for a Scenario-Based Electricity Expansion Plan for North Korea after Hypothetical Reunification Using WASP-IV” (Poster), *the Korean Nuclear Society 2014 Autumn Meeting*, Pyeongchang, Korea
- 09/2014 “NPP Power System Relay and Protection Design,” 2<sup>nd</sup> Annual Project Course Competition, KINGS, Ulsan, Korea \*It was a graduate school-wide competition and I was the presenter; my team won 3<sup>rd</sup> Place Award.

**Certificates**

- 07/2014 Project Management Professional (PMP), Project Management Institute
- 12/2009 Fundamentals of Engineering (FE), National Council of Examiners for Engineering and Surveying  
\*The exam was administered by the Korean Professional Engineers Association in Seoul on behalf of NCEES.

**Awards/Honors/Scholarships**

- 09/2014 3<sup>rd</sup> Place Award, 2<sup>nd</sup> Annual Project Course Competition, KINGS
- 03/2013 ~ 02/2015 Master’s Degree Scholarship, Samsung C&T Corporation
- 03/2009 Best Newcomer Award, Samsung C&T Corporation
- 09/2007 ~ 05/2008 Exchange Student Scholarship (to Maryville College, Tennessee, U.S.), Hanyang University  
\*I made to the dean’s list for both semesters.
- 09/2005 Army Commendation Medal
- 03/2005 Army Achievement Medal

**Military Service**

- 09/2003 ~ 09/2005 **2<sup>nd</sup> Combat Engineer Battalion, 2<sup>nd</sup> Infantry Division, United States Forces Korea**
- KATUSA<sup>1</sup> Sergeant/Company Administrator (obligatory national service)  
\*I was awarded with Army Achievement Medal and Army Commendation Medal for service.

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<sup>1</sup> Korean Augmentation To the United States Army