

# JAY YOO

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Full Stack Web Developer, knowledgeable in software development lifecycles (SDLC), with project manager experience leading and supporting the design, testing, and implementation of enterprise systems. Fluent in English and Korean. US citizen currently seeking entry-level positions in software development and programming.

## EDUCATION

**Full Stack Web Development** - DEVMOUNTAIN, Dallas, TX

**Master of Science, Electrical Engineering** - UNIVERSITY OF CALIFORNIA, Santa Barbara, CA

**Bachelor of Science, Electrical Engineering** - UNIVERSITY OF CALIFORNIA, Santa Barbara, CA

## UNDERGRADUATE / GRADUATE RESEARCH

Designed and implemented a MATLAB algorithm to automatically synchronize multiple tiled image sequences of an embryonic beating heart to obtain a mosaic image sequence with extended field of view.

## TECHNICAL SKILLS

**LANGUAGES / MARKUPS** Java, C++, C, JavaScript, HTML, CSS, MATLAB, BASIC, MIPS Assembly Language

**FRAMEWORKS:** AngularJS, NodeJS, jQuery

**OPERATING SYSTEMS:** Windows, Mac

**ADDITIONAL SKILLS:** MongoDB, MySQL, Git, Github, RESTful, Signal/Image Processing, Soldering

## PROFESSIONAL EXPERIENCE

SAMSUNG TELECOMMUNICATIONS AMERICA, Richardson, TX

2012 - 2016

**Product Support Engineer / Project Manager**

- Ensure the efficient completion of technology product development and support lifecycles, aligning all system creation, enhancement, and maintenance initiatives with technical and operational requirements.
- Collaborate with cross-functional operational, technical, and customer teams to translate business needs into supportable software platforms.
- Analyze and resolve inefficiencies in technical platforms, and identify opportunities to develop transformative system improvements.
- Coordinate with global manufacturing engineering teams in Korea and the US, guiding the work of cross-functional groups throughout technology-driven initiatives.
- Establish and complete test plans, leading performance, functionality, integration, regression, and user acceptance testing; maintain a library of test standards and manuals according to carrier and third-party lab requirements.
- **Bronze STARR Award**, 2012

## PUBLICATIONS

JaeBum Yoo, Irina V. Larina, Kirill V. Larin, Mary E. Dickinson, Michael Liebling; Increasing the Field of View of Dynamic Cardiac OCT via Post-acquisition Mosaicing without Affecting Frame-rate or Spatial Resolution, *Biomedical Optics Express*, Vol. 2, Issue 9, pp. 2614-2622, September 1, 2011.