

Matthew June-Gih Lee

(206) 962-9973 • mlee229@jhu.edu • 814 South 13th St • Philadelphia, PA 19147

EDUCATION

Johns Hopkins University

Baltimore, MD. 8/2015 – 5/2019

Majors: Computer Engineering (B.S.), Computer Science (B.S.). Major GPA: 3.6.

Classwork: Intro. to Java, Intermediate Programming, Data Structures, Discrete Mathematics, Differential Equations, Digital Systems Fundamentals, Intro to ECE, Circuits, Calculus III, Chinese II.

Programming Languages: Java, C, C++, Python

Other Languages: Korean, Mandarin Chinese

Lakeside School

Seattle, WA. 2011 – 2015

SAT: 2350

WORK EXPERIENCE

JHU ECE - Undergraduate Research Intern Baltimore, MD

June 2016 – August 2016

- Conducted paid research using signal processing to analyze heart sounds for training doctors to more accurately perform heart auscultation.
- Researched current heart sound segmentation and analysis techniques that used wavelet decomposition and wavelet transform.
- Collaboration between JHU Dept. of Mechanical Engineering, Johns Hopkins School of Medicine Dept. of Pediatrics, and JHU Dept. of Electrical and Computer Engineering.

Sinasoid – Intern

Lynnwood, WA

June 2014 – August 2014

- Managed all social media platforms (Twitter, Instagram, Facebook, and YouTube) to promote company products.
- Assisted in Search Engine Optimization (SEO) on company website (<http://www.sinasoid.com>).

LEADERSHIP AND ACTIVITIES

JHU Electrical and Computer Engineering Department – Baltimore, MD

- Laboratory Undergraduate Intern: January 2016 – current (15 hours/week).
- Works under research professor, Dr. Philippe O. Pouliquen.
- Solders microchips, inductors, resistors, and sensors to circuit boards.
- Generates waveforms on PIC IC chips by writing assembly language code in MPLab.
- Wires small circuits with IC chips including TLC555 (timer) and SN74HC193 (4-bit up/down counter).

Students Consulting for Nonprofit Organizations (SCNO), Johns Hopkins Chapter – Baltimore, MD

- Team Member: September 2015 – current
- 1st semester: Provided consulting to local chapters of nonprofit organization, Meals On Wheels. Specialized in improving route optimization and managing client information storage.
- 2nd semester: Provided consulting to disaster relief organization LeadersLink. Specialized in website and multimedia development, client information storage, and fundraising strategies.

Hopkins Christian Fellowship – Baltimore, MD

- Small Group Leader: January 2016 – current
- Lead an undergraduate small group on campus through bible study and prayer.

Safe House of Hope – Baltimore, MD

- Volunteer: January 2016 – current
- Went out on Friday and Saturday nights (10 pm – 2am, 12 – 4am) to talk to potential victims of human trafficking in the prostitution tracks near Cherry Hill, MD.

Lakeside Student Government – Seattle, WA

- Grade Representative: September 2011 – May 2015
- Treasurer: September 2014 – May 2015