

# STEM SPOTLIGHT

**Cheuk Lo**

Gas Matrix – Planner Coordinator  
MLGW

Bachelor of Science in Mechanical Engineering  
University of Memphis



**Q** How did you select your college major?

**A** I was interested in automobiles and how the engine and different mechanical systems work.

**Q** What was the biggest influence in your selection of major/ career?

**A** The possibility of designing something and building it.

**Q** If you could go back to high school and select any elective course to take that would have better prepared you for college, what would it be?

**A** Calculus/Physics

**Q** What is your favorite aspect of your job?

**A** Working with engineering and the construction personnel to solve problems and build projects.

**Q** How do you/your company make a positive impact on society/our community?

**A** MLGW's mission is "to improve the quality of life for all Memphis and Shelby County customers through the efficient and safe delivery of electricity, natural gas and water". We work hard to provide safe and affordable utilities to the people of Shelby County.

**Q**What's the most interesting thing you have been able to do in your professional career?

**A** Design the relocation of the gas system for MATA's Trolley Extension down Madison Avenue from Main Street to the Medical District. I also managed and coordinated the relocation of the electric, gas, water and streetlight for this project. In addition, I had the opportunity to design and project-manage the construction of a new natural gas gate station. This station provides natural gas from a new gas supplier to keep natural gas cost lower.

**Q**What makes you get up each morning excited about your profession?

**A** The chance to work with people, solve problems and watch projects come together.

**Q**What advice would you share with K-12 students who are considering your profession?

**A** Be inquisitive and always ask questions if you don't understand how or why things work.

