

# ALICE LAM

Alice94@sbcglobal.net

12708 Withers Way • Austin, TX 78727 • (512) 207-0364

## OBJECTIVE

---

Seeking summer internship where I may be able to provide the company with the benefit of my software programming knowledge and skills to assist in designing software applications and developing testing procedures.

## EDUCATION

---

<b>University of Texas at Austin</b>	Bachelors of Science in Electrical/Computer Engineering Specialized in Software Engineering and Systems	December 2017
<b>John B. Connally High School</b>	Final Rank: 2/468	Class of 2013
<b>Austin Community College</b>	Summer Dual Credit (HS and College Credit) Classes	Summer 2012

## WORK EXPERIENCE

---

**Texas Commission on Environmental Quality – Intern** Summer 2016

- Wrote and edited technical documents which include the Water Division's Operating Procedures and documents on how to operate the new Oracle database for project managers.
- Provided Chain of Title research by reviewing legal documents such as probates, deeds, and trusts.
- Participated in project meeting discussions involving technical results of Change of Ownership requests.

**Applied Research Laboratories at The University of Texas at Austin – Intern** Summer 2013

- Programmed a Raspberry Pi board using Linux to analyze its surroundings from a door and Send collected data to a tablet through wireless transmission
- Created a demonstration of a smart door switching to emergency lockdown after hearing gunfire by creating a circuit system that activated servo motors to close a small scale model door after detecting a certain frequency.

## LEADERSHIP EXPERIENCE AND ACTIVITIES

---

**Texas Theme Park Engineering Group- Vice President** Fall 2015 – Present

- Present to students about the specialized amusement industry
- Complete administration documentation and forms for the organization

**Cockrell School of Engineering K-12 STEM Outreach** Fall 2015 – Present

- Helping to promote science, technology, and mathematics to K–12 students
- Completed the K12 Stem Outreach Certification program

**IEEE Robotics & Automation Society** Fall 2013 – 2015

- Competed in the Robotathon Challenge by using the Tiva Launchpad to create a robot.
- Programmed a small scaled robot to maneuver through a maze using Keil uVision

**FTC Robotics Team- Vice President/Team Mentor** Fall 2011 – 2014

- Semifinalists in 2012 & 2013 FIRST Tech Challenge State Competition
- Mentored both middle school and high school teams and assisted FTC teams in software programming, mechanical design, and other general mechanical skills

## ADDITIONAL INFORMATION

---

**Computer Skills:** Familiar with Assembly, Python, Java, C/C++; Proficient in Microsoft Word, Excel, PowerPoint.

**Languages:** Conversational in Teochew ; can comprehend Vietnamese and Mandarin.