Amy Guo

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Education	Bachelor of Science in Computer Engineering , May 2019 Saint Louis University – Saint Louis, MO – GPA: 3.3

Projects	**Ultimate Frisbee Statistics Tracker**
	  – Records player statistics throughout a tournament
	  – Different modes for offense and defense
	  – User-friendly interface allows for simple data entry and retrieval

Skills	**Languages** Python, Java, C, C++, Assembly, VHDL, Matlab Fluent in English, Mandarin, and Fuzhou **Miscellaneous** FPGA Design, Eagle CAD, SolidWorks, LaTeX, Git, ROS, macOS, Windows, Linux

Work History	**Teaching/Lab Assistant** *SLU — Saint Louis, MO (Spring 2017, Present)*
	  – Taught students how to utilize lab equipment
	  – Graded students' reports
	  – Prepared and delivered lectures on laboratory topics
	
	Research Assistant *UNL NIMBUS Lab — Lincoln, NE (Summer 2018)*
	  – Research Experience for Undergraduates (REU) Program
	  – Atmospheric profiling using unmanned aerial systems
	  – PTH sensor assessment
	  – Field Experiments, Mission planning, data recording
	
	ITS Intern *SLU — Saint Louis, MO (Spring & Fall 2017)*
	  – Assist students and faculty with technology questions and support
	    ∗ Help with both hardware and software questions
	  – Maintained system security by exhaustive identity verification

Conferences	*Women in Physical Sciences Conf. — University of Nebraska,Lincoln (2018)*
Papers	*Assessment of Pressure/ Temperature/ Humidity Sensors for Unmanned Aerial Systems — UNL NIMBUS Lab (2018)*
Leadership	**Secretary** *SLU Branch of IEEE — Saint Louis University (2017-2018)* **Vice President** *SLU Branch of IEEE — Saint Louis University (2018-2019)* **Social Chair** *SLU Branch of SWE — Saint Louis University (2018-2019)*
Volunteer History	**Volunteer** *Make A Difference Day — Saint Louis University (2015)* **Instructor** *Billiken Bots — Saint Louis University (2015-2018)* **Instructor** *Scout-botics — Saint Louis University (2015-2018)*