

Vanna Sok

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EDUCATION

Grambling State University, Grambling, LA
Bachelor of Science in Computer Science, GPA 3.62
President's List (GPA 3.5-4.0): 2015, 2016, 2017

May 2018

Relevant Courses:

- | | | |
|---------------------------|-----------------------|---------------------|
| ▪ Computer Networks | ▪ Robotics | ▪ Technical Writing |
| ▪ Software Engineering | ▪ Database Management | ▪ Numerical Method |
| ▪ Capstone Project | ▪ System | ▪ Calculus |
| ▪ Artificial Intelligence | ▪ Operating System | |

Major Projects:

Capstone Project	Developed and created a computer chatting program using networking and IP address knowledge for communicating between multiple clients.
Artificial Intelligence	Developed and created a multi-player Tic-Tac-Toe computer game on designated interface.

EXPERIENCES

Teaching Assistant – Innovation Academy, Fullerton, CA Dec 2018 – Apr 2019

- Tutored grade 3-8th students basic ev3 programming using Lego Mindstorm program.
- Assisted teachers to seek lesson plans
- Guided students to build ev3 basic driving robots and competitive robots.
- Worked as a coach and lead teams participate in First Lego League international competition.

Vex Robotic Competition, (Volunteer) Aug 2015 – May 2017

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- Designed and built robots to compete against other teams in a game-based engineering challenge.
- Using computer programming concept to design a robot to perform various functionalities such as grab a ball with the claw and put it into a basket
- Use the API to call the different robot functions and developed customer function based on the OOP concept to perform the robot movement based on the prediction analysis
- Presented in the Academic Summit (University of Louisiana System), Louisiana Academy of Science, and Grambling State University the methods and process of programming and testing the designed robots.

Teaching Assistant - Mathematics & Physics Department, Mar 2018 – May 2018
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- Tutored entry-level statistic and probability course.
- Help students learn the step by step of the probability and statistic related to the real world

Photographer - Yearbook Department, Jan 2015 – May 2017
Grambling State University, Grambling, LA

- Photographed University events to be used in the school yearbook.
- Edits, arrange, and color corrects photography for different purposes
- Establish photo shoot process that including organization of equipment and tools

SKILLS

Operating Systems: <ul style="list-style-type: none">▪ Windows▪ Macintosh▪ Linux	Programming: <ul style="list-style-type: none">▪ Java▪ C++▪ HTML▪ PHP▪ MySQL▪ Oracle▪ Android Studio	Software: <ul style="list-style-type: none">▪ Lego Mindstorms▪ NetBeans▪ Visual Studio▪ Oracle SQL Developer▪ Word▪ Excel▪ PowerPoint
Languages: <ul style="list-style-type: none">▪ English▪ Mandarin		

ASSOCIATIONS

Associated Computing Machinery (ACM) Aug 2014 – May 2018