

ALIXANDRA RAMOS
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EDUCATION

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN
B.S. Computer Engineering

May 2019
GPA: 3.05

Related Coursework:

ECE 220 (Computer Systems and Programming)
CS 225 (Data Structures)
CS 173 (Discrete Structures)

ECE 110 (Intro to Electronic and Computer Engineering)
ECE 120 (Introduction to Computing)
PHYS 212 (Electricity and Magnetism)

SKILLS

Computer Languages

C++ (working knowledge)
C (working knowledge)
Machine/Assembly Code (LC-3) (working knowledge)
HTML/CSS (basic knowledge)

Technical Skills

Windows, Linux
SVN & Command Line
Logic Gate Circuit Design
Basic Circuitry and wiring

LEADERSHIP & INVOLVEMENT

IEEE ROBOTICS TEAM

AUG 2015-PRESENT

- ❖ Mapped and programmed RC controllers to Talon motor controllers to operate the driving system on a robot (Arduino based).
- ❖ Aided in design of concepts to complete tasks set is MRDC competition and construction of robot components needed to accomplish the tasks.

ENGINEERING COUNCIL

AUG 2015-PRESENT

Current:

Engineering Open House (EOH) Committee

Organizing and designing the Middle School Design Competition, the Illini Engineering Challenge, and the Discover EOH program. Each program is focused towards getting middle and high school students involved and interested in EOH and engineering.

Service Committee

Currently organizing two projects for this year. A weeklong Habitat for Humanity trip over spring break, where students help the local community with different service projects. Aiding the Urbana and Champaign communities with their local Adventure Playground days geared towards getting children to be active.

Past:

EFC Social Committee

Planned several freshman-oriented events within the engineering community to promote interactivity between different engineering fields.

EFC EOH Committee

Created and presented an exhibit for EOH. The exhibit was geared towards younger audiences and demonstrated concepts like basic circuit design and fluid dynamics in interactive examples.

Engineering Outreach Society

Aug 2015-Present

- ❖ Volunteers weekly at Leal Elementary School with 3rd graders. Engages with students through small lessons and projects on topics such as magnetism, buoyancy, electricity, force and mechanics.

JOB EXPERIENCE

DAILY BYTE CAFE

Nov 2016-Present

Cash Register work, Food Prep/Handling, and Customer Service

- ❖ All facets including: working with customers at register, keeping track of cash, food preparation, inventory and scheduling.

INTERESTS

Officer for inline skating club (past: Risk Manager, current: Historian), tennis, playing piano and ukelele