TONY LONGO

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EDUCATION

University of Iowa: College of Engineering   **Iowa City, IA**
Bachelor of Science in Computer Science and Engineering   *Expected Graduation: May 2023*
  ● Concentration in Machine Learning and Data Mining
  ● <u>Relevant Coursework</u>: Algorithms, Communication Networks, Software Design, Data Structures, Engineering Computing, Computers in Engineering, Digital Design, Prog. Lang. Concepts, Op. Sys, Embedded Sys

Bachelor of Science in Electrical Engineering
  ● Concentration in Computer Track
  ● <u>Relevant Coursework:</u> Principles of Electrical Inst., Fundamentals of Circuits, Electrical Circuits, Computer Architecture, Embedded Systems, Linear Sys I/II, Semicond. Devices, Control Sys.

EXPERIENCE

FarrPro   **Iowa City, IA**
Lab Assistant/Software Developer   *December 2020 - Present*
  ● Observed 3D printer maintenance/operation
  ● Designing and developing android applications for agriculture industry
  ● Managing a development team to meet customer deadlines
  ● Working with international clients and partners to complete projects

Elite Electronic Engineering   **Downers Grove, IL**
Engineering Intern   *May 2018 - January 2020*
  ● Ran functionals on customer parts before and after environmental and EMI/EMC tests
  ● Designed and then built fixtures for vibration tests
  ● Deconstructed and reassembled vibration tables
  ● Operated CNC machine using G-Code

LEADERSHIP

HackIowa   **Iowa City, IA**
President   *March 2020 - February 2021*
  ● Lead students in forming teams and projects for hackathons
  ● Helped new students set up Githubs and learn to code collaboratively
  ● Organized events within the club with students and members of the University

FarrPro   **Iowa City, IA**
Co-Lead   *March 2021 - Present*
  ● Lead a software team of 4 people to develop technologies for the swine industry
  ● Organized workflows for each team member and assigned tasks
  ● Lead weekly meetings to update supervisors of the status of projects

SKILLS/INTERESTS

Software: C++, Python, Java, JavaScript, MATLab, PHP, Android Dev
Activities: Students in Technology Sciences, Association of Computing Majors
Languages: Spanish (basic), English (native)
Interests: App Dev, Current Sense Circuits, Hiking,