

Aditya Bawankule

adityab2@illinois.edu www.adityabawankule.me (630) 362-7846

EDUCATION

University of Illinois at Urbana Champaign
*Bachelors of Science in **Computer Engineering***

May 2021

EXPERIENCE

Independent contractor, Near8.io

present

- Developing a framework for web-based AR/VR styled immersive storytelling

Events Chair, ACM GameBuilders

present

- Plans and organizes workshops and competitions

Software Development Intern, Swarm Robotix

May 2018 – Aug 2018

- Designed software architecture for autonomous 5g-connected 'MACJAC' robots that would transport cargo containers around shipping yards without human intervention
- Worked with suppliers to source hardware as well as contacted companies to understand their requirements for their use-cases.
- Helped multiple software teams integrate their work and test on the robot

Unity Developer

present

- Developed three virtual reality apps, a FPS, and a platformer that are available on the Android Play store
- Shipped a VR game and desktop game on itch.io

Robotics club Captain, Naperville Central RoboHawks

Aug 2013 - May 2017

- Co-led the school team to achieve most success at VEX robotics tournament since inception of the club (Finalist & 1st place at Regionals and 8th place at State level in 2016)
- Served as lead programmer, and set up a GitHub organization to allow the team to organize and collaborate on code, as well as trained and mentored new programmers

Team Lead, HackIllinois

Feb 2018

- Created an [open source toolkit](#) to help create educational experiences in Virtual Reality
- Won [Walking your Dog Food to Market](#) prize for best commercial viability of open source project from title sponsor Fulcrum GT

Team Lead, Cisco Hackathon

Sep 2014

- Designed 'Internet of Things' system in a hackathon to alert garbage companies when dumpsters were filled up

SKILLS

Programming Languages: C, C++, C#, LC3

Proficient in: Arduino IDE, Unity3D

AWARDS

- Student of the Year 2017 award by the Computer Science department of NCHS
- Fourth place State Champion at Skills USA Electronics Competition 2015
- Third place State Champion at Skills USA Robotics Competition 2016
- National Merit Commended Student 2017
- Illinois State Scholar 2017