

Khue Nguyen

SOFTWARE DEVELOPER · IT SPECIALIST

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Summary

Freshman undergraduate computer science student at Clemson University. 8+ years experience specializing in software development, infrastructure automation, and general information technology. Passionate about creating and improving softwares. Interested in improving problem-solving skills and gaining more experience.

Experience

West Ashley Robotics Team

LEAD SOFTWARE DEVELOPER

Charleston, SC, US

August 2018 - June 2021

- Developed softwares in C/C++ for VEX hardwares.
- Implemented control/motion/tracking algorithm.
- Designed easy-to-use user interface.
- Built an engineering journal recording framework.
- Automated trusted timestamping for git repositories.

BCUZ Robotics

SOFTWARE ENGINEER

Clemson, SC, US

August 2021 - Present

- Developing efficient softwares for robots.

Projects

- **base16-fork** - An improved structured and regenerative base16 theme environment
- **cbase16** - A blazing fast base16 colorscheme builder
- **tdr** - Text-based user interface utility to manage todo list
- **timestamp** - trusted timestamp management for git

Education

West Ashley High School

HIGH SCHOOL DIPLOMA

Charleston, SC, US

August 2017 - June 2021

- Graduated 6th in the class of 2021
- Weighted GPA of 4.86

Clemson University

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Clemson, SC, US

August 2021 - Present

Honors & Awards

HIGH SCHOOL VEX ROBOTICS COMPETITIONS

- | | | |
|------|---|--------------------|
| 2018 | Design Award , The Cougar Challenge | Charleston, SC, US |
| 2019 | Sportsmanship , 2019 South Carolina VRC HS State Championship | Charleston, SC, US |
| 2020 | Excellence Award , Warrior Challenge | Charleston, SC, US |
| 2020 | Think Award , Palmetto Scholars Academy Phoenix Rising Qualifier | Charleston, SC, US |
| 2020 | Think Award , 2020 South Carolina VRC HS State Championship | Charleston, SC, US |
| 2021 | Think Award , 2021 South Carolina VRC HS State Championship | Greenville, SC, US |