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 autonomation, and general information technology. Passionate about creating softwares. Interessted in improving problem-solving skills and gaining more experience.

Experience

West Ashley Robotics Team   *Charleston, SC, US*

LEAD SOFTWARE DEVELOPER   *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   *Clemson, SC, US*

SOFTWARE ENGINEER   *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 Shool   *Charleston, SC, US*

HIGH SCHOOL DIPLOMA   *August 2017 - June 2021*

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

Clemson University   *Clemson, SC, US*

BACHELOR OF SCIENCE IN COMPUTER SCIENCE   *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, 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*