

# Quoc Anh Khoa Nguyen

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## EDUCATION

### Bachelor of Science in Computer Science

*Expected, June 2028*

University of South Dakota | Vermillion, SD

- GPA: 4.0

## WORK EXPERIENCE

### ICPC Contest Participant

Fall 2024

- Competed in the International Collegiate Programming Contest (ICPC), collaborating with a team to solve challenging algorithmic problems under strict time constraints
- Utilized Python to develop efficient solutions, successfully solving some contest problems.
- Demonstrated strong problem-solving skills and adaptability in a high-pressure environment.

### University Coding Club Member Assistant

Fall 2024-present

- Actively engaged in weekly coding challenges, solving complex problems and improving algorithmic thinking skills
- Presented and explained code solutions to member, fostering collaboration and ideas sharing.
- Assisted peers struggling with complex problems by providing clear explanations and guidance to improve their understanding.

## SOFTWARE & DESIGN PROJECTS

### Simple Calculator Design, Application Programming and Design

Fall 2024

- Designed and developed a simple calculator application using Python, user-friendly interface
- Utilized Python libraries ('Pygame') to create a graphical user interface (GUI) for an intuitive user experience.
- Collaborated with high school friends to conduct thorough testing to debug and refine application, optimizing performance.

## TECHNICAL SKILLS & SOFT SKILLS

**Programming Languages:** python, C++, JavaScript

**Mathematical Analysis:** Strong math background, good at logical thinking and problem-solving.

**Office Tools:** Microsoft Word, Excel, PowerPoint

**Soft Skills:** Communication, teamwork, collaboration, and adaptability.

## AWARDS & HONORS

- Ranked top 3 out of 42 in 12th Grade class at high school
- Earned Honorable Mention in city math gifted competition at high school
- Recognized on the University of South Dakota Dean's List and USD College of Arts and Sciences Dean's list
- Awarded Honorable Mention in the ICPC (International Collegiate Programming Contest)
- Received a Certificate for Effective Teamwork in the ICPC