

# KEVIN T. NGUYEN

## CONTACT

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Location: Ames, IA - Willing to Relocate

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## EDUCATION

Iowa State University—B.S. Computer Engineering

Graduation Date: December 2022

Cumulative GPA: 3.1/4.0 (Current)

Achievements: MVP Scholar

## TECHNICAL SKILLS:

### Programming Languages:

- Java
- C & C++
- Python
- IDE's
  - Qt Creator
  - Vscode
  - Eclipse & IntelliJ
  - Android Studio

### Technologies/Tools:

- Git, GitKraken & Meld
- Jenkins, Squish Automation Testing
- Quantus Prime (VHDL & Circuit)
- Familiar with Solidworks (CAD)
- Rally, Service Now, Confluence, Sharepoint, & Office 365 products
- Proficient in MacOS X, Windows, & Linux(Ubuntu)

### Relevant Coursework:

- Cpr E 430 Networking & Protocols
- Cpr E 381 Computer Architecture
- Cpr E 308 Operating Systems
- Cpr E 288 Embedded Systems I
- ComS 309 (Frontend-Development)
- ComS 252 Linux OS Essentials
- ComS 228 Data Structures
- ComS 227 Object-Oriented Design

## WORK EXPERIENCE:

### Part-Time Embedded Software Engineer | John Deere

July 2021 – Present

- Primarily working with the QI Guidance Team with embedded object-oriented software development utilizing in-house programs to debug/solve defects from the Gen4OS Precision Ag 4060 & 4600 Devices.
- Develop and execute unit testing, integration testing via Jenkins, UI/UX testing via Squish, and implementation of acceptance, test, verification, and validation via SiL for on-vehicle testing with tractors and combines.
- Collaborate with team members by attending daily stand-ups, providing product design solutions, and participating in design/defect reviews using Agile methodologies.

### IT Technical Assistant | Iowa State University - Endpoint Technologies

February 2020 – July 2021

- Consulted with clients onsite or virtual using a ticket system(ServiceNow) to solve technological issues such as software installation, network connectivity, and backing up/ restoring data for end-users via Windows and MacOSX devices.
- Tasked with troubleshooting hardware/networking issues while using various in-house technologies and applications with tools such as Jamf Pro, Active Directory, Bomgar, Confluence, Custom Python Scripts, etc.
- Responsible for creating appointments with clients to help install, image/ re-image machine issues related to problems primarily associated with MacOS X.

## PROJECTS AND LEADERSHIP:

### Vietnamese Student Association | Vice President > President > Student Advisor

Fall 2019 – Present

- Organized and delegated tasks to cabinet members to coordinate bi-weekly general meetings and weekly board meetings to execute various events, resulting in a 75% increase in retained members in term 2019-2020.
- Overlooked all internal and external functions for the organization while practicing risk management and documenting all services and social events that ran during the year 2019-Present.
- Created leadership opportunities and individual growth for members/ participants involved within the organization.

### FIRST Tech Challenge Robotics Team | Build Lead > Project Manager

Fall 2016 – Spring 2018

- Led a full team of students with daily stand-ups practices and allocated tasks to student leads within the organization.
- Implemented 3D CAD designs for the team robot and developed and designed robot end effectors for effective scoring.
- Contributed 400+ hours in FTC and won various competition awards related to innovative design and performance.