Nicholas Erickson

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EDUCATION

Iowa State University	Ames, Iowa
Bachelor of Science in Software Engineering	Aug. 2021 - May 2025

Rock Valley College	Rockford, Illinois
Dual Credit Program Earning 41 Credits	Aug. 2019 - May 2021

GPA: 3.93

TECHNICAL SKILLS

- Java, C, JavaScript
- HTML, CSS
- Microsoft Office, Excel, Powerpoint

RELATED COURSEWORK

Iowa State University

Problem Solving in Software Engineering (in C)

- Gained understanding of the syntax of C and core programming concepts.
- Worked on projects that required reading controller inputs as well as writing and reading to and from spreadsheets.
- Designed a customizable program that quizzes users and outputs the total score and attempts when user is finished.

Linear Algebra

PROJECTS

Vocal Galactic

- Space game developed with Java that utilizes AssemblyAI API with Java & NodeJS.
- Implemented ability to activate powerups in game using speech to text.
- Won best Space Hack in K-State Hackathon 2021 against 37 other projects.

TicTacToe AI

- TicTacToe engine created using Java that is played in console.
- Ability to play against humans or against an AI ranging from easy, medium, and hard difficulties.
- Hard difficulty developed by implementing minimax algorithm which establishes an impossible to beat AI.

WORK EXPERIENCE

Kitchen Staff	Chick-fil-A, Rockford, IL
Full/Part Time Position	Feb. 2019 - Mar. 2020

- Led, held responsibility, and communicated clearly with a team of 5-10 in the kitchen.
- Executed position and process rearrangements in the fast-paced environment to maximize efficiency.
- Followed food safety and sanitation standards.
- Independently completed kitchen duties thoroughly and quickly.

HONORS AND AWARDS

Best Space Hack at K-State Hackathon 2021	Nov 2021
Guilford High School Summa Cum Laude	June 2021
Rock Valley College President's List	Aug. 2020 - May 2021
Iowa State University's Adventure Award	Oct. 2020