

Christopher Tutje

Ankeny, IA | (515)-868-3366 | chris.tutje@gmail.com | [LinkedIn](#) | [GitHub](#)

Experience

Certified Nurse's Assistant | Valley View Village 2012-2022

- Assisted 20-50 residents in performing activities of daily living including personal hygiene, mobility, medical device maintenance, serving food, cleaning, and keeping medical records.
- Ensured empathic care and maintained perfect attendance over 10 years of service.

Food Service Cashier | Adventureland 2010-2012

- Served food and operated a cash register while maintaining a clean environment.

Skills

- **Programming Languages:** Python, Java, C++, Object Oriented Programming, data structures, algorithms
- **Web Development:** HTML, CSS, JavaScript, Vite, Node.js, Express.js, React.js.
- **Databases:** SQL, MongoDB.
- **Testing:** Jest, Cypress, Junit.
- **Version Control:** GitHub, Gitlab.
- **Tools:** Docker, VS Code
- **Music:** piano, percussion, synthesizer, composition, audio engineering, music history, music theory.
- **Miscellaneous:** time management, cashier, biology, history.

Education

TechWise cohort 2 fellowship program 2023-2024

- Trained hands-on in programming and web development by Google.
- **Achievements:** Directed groups of 5 programmers to create successful group projects.

Des Moines Area Community College | Ankeny, IA | 2023-2023

- **Certifications:** Computer Languages Diploma.
- **Achievements:** President's list with 4.0 GPA, member of philosophy, creative writing, and fencing clubs.

Grand View University | Des Moines, IA | 2012-2017

- **Certifications:** Bachelor of Arts degree in Biology and Piano Performance.
- **Achievements:** Completed a double-major in a liberal arts program.

Projects

Project Arcibo | (JavaScript, MongoDB, AWS/GCS, Express.js) [GitHub](#) | [Video Demo](#) | 2024

- Hosted a virtual web server using Amazon Web Services and Google Cloud Services.
- Designed a front-end using HTML, CSS, and JavaScript.
- Implemented MongoDB and Atlas on the backend to create a messaging system.
- Used Bcrypt to encrypt data and protect user accounts.

Return of the Fallen | (Unity engine, C#, Vital, FL Studio) [Live](#) | [GitHub](#) | [Video Demo](#) | 2023

- Designed a 2D turn-based RPG with the Unity engine.
- Used a digital synthesizer and a Digital Audio Workstation to create an original soundtrack and sound effects.

Java Calculator | (Java, JSwing, JUnit) [GitHub](#) | [Video Demo](#) | 2023

- Used Java and OOP to create a calculator object to perform arithmetic and list operations.
- Created an interactive GUI using JSwing.
- Conducted unit tests with JUnit.

Chord Dictionary | (C++) [GitHub](#) | 2021

- Created a music tool to accurately identify 3-note chords using C++ and maps.