Ryder Douglas | Software Engineer

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Recent CS graduate with a concentration in Software Engineering and hands-on experience in full-stack development, team coordination, and UI/UX design. Adept at leveraging broad educational background and extensive programming experience to build networked systems, designing user interfaces, and shipping collaborative software projects.

EDUCATION

University of Illinois at Chicago – B.S. Computer Science

Concentration: Software Engineering | **2019-2025**

Relevant Coursework: Algorithms, AI, Database Systems, Software Engineering, Operating Systems, UI Design

City Colleges Chicago – A.S. | **2016–2018**

SKILLS

Programming Languages: C/C++, Javascript/Typescript, Java, HTML, CSS, C#, Python, Golang, F#

Tools & Systems: Visual Studio Code, Angular, Figma, Microsoft Word, Github, Unity

PROJECTS

Three-Card Poker – *Developer*

Java, JavaFX, CSS

Networked, multi-threaded poker game allowing concurrent play.

- Built UI and networking logic from scratch
- Implemented robust multi-client architecture
- Debugged and tested full game loop

Rise of Civilizations – *Collaborative Developer*

Unity, C#, GIMP, Aseprite

Historically-inspired 4X strategy game prototype with procedural map generation.

- Co-developed core features and network play
- Created original art and UI assets
- Followed Agile principles for scoped delivery

Attack The Virus – *Frontend Developer*

Angular, Typescript, Google Maps API

Interactive single-page app to educate about viruses and vaccines

- Built and styled responsive UI
- Designed and implemented "Clinic Finder" map using Geolocation

TrekUIC – *Team Lead / Dev*

Javascript, Leaflet.js

Campus wayfinding tool for navigating UIC interiors

- Led UI/UX design and overall coordination
- Helped implement mapping and routing functionality with Leaflet

EXPERIENCE

Nordstrom Rack – Retail Sales Lead

Chicago, IL · 2016–2025

- Managed menswear sales and team performance
- Maintained product displays and inventory
- Awarded "All-Star" for top-tier customer service