

Cole Elbing

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SUMMARY

Senior at Winona State University graduating May 2026 with a Bachelors of Science in Computer Science. Expertise includes Java, Web Development, DevOps, and Agile. Experienced in software development, secure coding practices, and version controlled systems (GitHub). Highly effective in a collaborative setting, self-starter, leader, and passionate work ethic.

EDUCATION

Winona State University | Bachelors of Science Computer Science

Jan 2023 - May 2026, GPA: 4.0, Senior

Relevant Coursework: Algorithms and Data Structures, Networking and Telecommunications, Applications of Database Management, Software Engineering, Web Design 1, Intro to Web Programming, Theory of Computation, Human Computer Interaction, Operating Systems, Machine Learning, Database System Design, Secure Software Development (IN PROGRESS), Principles of Programming Languages (IN PROGRESS).

Rochester Community and Technical College | Associates of Science Computer Science

Aug 2022 - May 2024, GPA: 4.0

Took introductory computer science classes and general course work before transferring to Winona State University.

SOFTWARE DEVELOPMENT AND TECHNOLOGY SKILLS

- Proficiency in many languages such as Java, Python, SQL, Web Stack (HTML, CSS, PHP, JavaScript), and minor experience working with PASCAL and Fortran.
- Manipulating database information on the IBM I system using SQL.
- Full stack development of websites with API integration, experience making web funnels.
 - Hosting with Apache web servers and manipulating HTACCESS files.
- Knowledgeable of DevOps and Agile (Scrum) methodologies.
- Comfortable using Git version control.
- Comfortable using Adobe XD and Illustrator.
- Microsoft Office suite.

PROJECTS

- Donation page and rudimentary login system for Bridges Health Winona.
- Website for my advertising business (no longer pursuing this adventure due to limited time).
- Machine learning algorithm to detect credit card fraud.
- Java simulation of the CPU scheduling algorithms SJF, FCFS, RR, and PS for process management

WORK EXPERIENCE

TWO MEN AND A TRUCK - Driver

May 2023 - CURRENT DAY

At TWO MEN AND A TRUCK I work as a driver where I am responsible for communications with customers, managing a crew of movers, and paperwork. I have done over 300 moves and handled millions of dollars in merchandise while maintaining a rating of 4.85/5 stars from customer surveys.