

David Jin

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EDUCATION

Northwestern University, Evanston, IL

Robert R. McCormick School of Engineering and Applied Science

June 2022 (anticipated BS/MS)

Bachelor of Science in Computer Science

GPA: 3.824/4.000

Master of Science in Computer Science

COMPUTER SKILLS

Languages

- C/C++, Python, Java, x86 assembly, MATLAB, SQL, Racket, and Swift

Computer Science and Math Courses

- *Computer Networking, Computer Systems, Machine Learning*, Data Structures and Data Management, Design and Analysis of Algorithms, Artificial Intelligence, Human Computer Interaction, Programming Languages, Game Design and Development
 - Honors Linear Algebra, Mathematical Foundations of Computer Science, Multiple Integration and Vector Calculus
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WORK EXPERIENCE

Northwestern University, Evanston, IL

Teaching Assistant (C/C++, Python)

January 2020-Present

- Aided professor in teaching *Computer Programming*; subsequently *Computer Networking*
- Taught lab section, hosted office hours, answered questions, and helped document their work

Securian Financial, Remote - Saint Paul, MN

Application Developer Intern (Java, SQL)

May 2020-Aug 2020

- Collaborated in an Agile team to develop a web application for creating and maintaining insurance claims
 - Designed and implemented algorithms and protocols for data transfer and manipulation
 - Presented work and provided updates to 100+ stakeholders and management on behalf of the team
 - Led new full-time associates through onboarding and helped them begin contributing to the team/project
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PROJECTS

Fantasy Premier League Machine Learning Modeler and Optimizer (Python)

- Predicted player performance for players in the English Premier League using machine learning
- Optimized team on the Fantasy Premier League game using these predictions

Tic Tac Toe (C++)

- Created Tic Tac Toe game with Minimax artificial intelligence opponent
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COURSE PROJECTS

Northwestern University, Design Thinking and Communication 1 & 2, Evanston, IL

Client: Shirley Ryan AbilityLab, Chicago, IL

January 2019-June 2019

- Collaborated in a 4-person team to design, construct, and present a product that assists hair washing for users with no arm mobility
 - Conceptualized, built, and presented a water bottle holder accessory for backpacks
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INTERESTS

- Guitar
- Singing
- Formula One Auto Racing
- Soccer