

EDUCATION

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| Iowa State University <i>Bachelor of Science in Software Engineering</i> | Expected: 05/2026 <i>Ames, Iowa</i> |
| Iowa State University <i>Bachelor of Arts in Philosophy</i> GPA: 3.56 Relevant Coursework: Object-oriented Programming, Discrete Mathematics, Data Structures & Algorithms, Software Development Practices, Computer Architecture, Database Management Systems, Probability and Statistics, Software Testing, Advanced Programming Techniques, Computation Theory, Software Architecture and Design, Algorithm Design and Analysis | Expected: 05/2026 <i>Ames, Iowa</i> |

EXPERIENCE

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| CyLife <i>Java, Spring Boot, JavaScript, Android Studio, MySQL, HTML/CSS, Git</i> | 08/2024 – 12/2024 |
| <ul style="list-style-type: none">Led backend development for a full-stack Android application, utilizing Spring Boot for API development, Android Studio for mobile integration, and MySQL for relational data storage, centralizing student clubs and organizations into a cohesive platformDesigned and implemented WebSocket-based real-time chat and notification systems, enabling instant communication between club members and providing real-time event updatesDeveloped and optimized MySQL database schemas with efficient indexing and entity relationships, ensuring scalable and high-performance data management for users, clubs, and events | |
| Home Haven <i>JavaScript, React.js, Node.js, Express, MongoDB (MERN)</i> | 10/2024 – 12/2024 |
| <ul style="list-style-type: none">Developed a RESTful API using Express.js and MongoDB, enabling secure user authentication, trip bookings, and data retrieval for seamless frontend integrationCreated a responsive and user-friendly frontend for Home Haven using the MERN stack, integrating MongoDB, Express, and Node.js to create seamless interactions with backend servicesDesigned and implemented scalable user management, including account creation, updates, and deletions, ensuring efficient data handling and secure transactionsDirected an intuitive and user-friendly interface with React state management and hooks, ensuring smooth navigation and interactivity | |
| Typ Pro - Tip Calculator <i>Kotlin, Android Studio</i> | 05/2024 – 06/2024 |
| <ul style="list-style-type: none">Developed and published a fully functional tip calculator app on the Google Play Store using Kotlin and Android Studio, allowing users to calculate tips, split bills, and round totalsDesigned a responsive and intuitive UI using XML layouts and Material Design components, ensuring a smooth and visually appealing user experienceOptimized application performance by handling user interactions efficiently and ensuring smooth animations and transitions with standard Android View APIs | |

TECHNICAL SKILLS

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| Languages: Java, C, C++, Python, JavaScript, Kotlin, HTML/CSS, Assembly |
| Frameworks/Tools: Git, React.js, Node.js, Express.js, MySQL, MongoDB, Neo4j, Spring/Spring boot, Android Studio |

CLUBS AND ACTIVITIES

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| Computer Science and Software Engineering Club (CSE) | 01/2023 – Present |
| Birding Club, Iowa State University | 08/2023 – Present |
| Mountaineering and Climbing Club, Iowa State University | 08/2023 – Present |
| Ames Collegiate Chess Club, Iowa State University | 10/2022 – Present |