Robert J. Kirkpatrick

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EDUCATION

University of Nebraska–Lincoln   **August 2017 – Expected May 2022**
- **Degree:** Bachelor of Science in Software Engineering
- **Minors:** Business, Mathematics

WORK EXPERIENCE

Hudl   **May 2020 – August 2020**
Software Development Intern
- Created PRs to add onto and enhance Hudl's payment and subscription management related microservices to improve performance and user experience
- Collaborated with full-time dev team, utilizing scrum and agile, to plan and design work for upcoming sprints
- Supplied technical feedback to team members' PRs and brainstormed solutions to tickets in the product backlog during refinement meetings

University of Nebraska–Lincoln   **August 2018 – May 2020**
Learning Assistant   *August 2018 – May 2020*
- Held weekly office hours, led technical labs, and graded programming assignments to help students learn course material for CSCE 155E and CSCE 156

Course Leader   *August 2019 – December 2019*
- Worked with instructors to structure the course's learning objectives and relayed learning assistants' concerns
- Evaluated learning assistants during their office hours, delegated assignment grading, and conducted meetings with learning assistants to collect data regarding the operational status of the program

Buildertrend   **May 2019 – August 2019**
Software Development Intern
- Attended multi-week training boot-camp to learn various languages and frameworks utilized at Buildertrend, culminating in an intern-led full stack project to develop a user pain point categorizer
- Assisted with the rebuilding of Buildertrend's website under new frameworks, including react, driving improved performance and usability while maintaining existing functionality

Northrop Grumman   **May 2018 – August 2018**
Software Technical Intern
- Researched and recommended predictive analytics and machine learning algorithms for evaluating satellite positions
- Wrote SQL programs to compute the visible field of view for satellites that assisted soldiers in missions

LEADERSHIP & EXTRACURRICULAR EXPERIENCE

Phi Kappa Theta Fraternity   **August 2017 – Present**
Secretary   *January 2019 – January 2020*
- Attended weekly executive council meetings to discuss direction of the fraternity and voted on key policies
- Organized the schedule, communicated events, and logged meeting attendance
- Directed the technology chair, public relations chair, and historian through quarterly committee meetings to ensure they were fulfilling their respective position's responsibilities and requirements

Technology Chair   *January 2018 – January 2019*
- Updated external facing website to reflect relevant information and maintained internal website functionality
- Troubleshooted technical problems throughout the chapter and executed special projects for the executive board

Formula SAE   **August 2017 – August 2018**
Electronics Team Member
- Designed and fabricated a race car with specific regulations to compete in national competitions
- Collaborated with other electrical team members to design the electrical systems and software needed for the car

PROGRAMMING LANGUAGES
- Competent: Java, SQL, TypeScript, JavaScript, C
- Some knowledge: C#, Python

TOOLS & FRAMEWORKS
- Competent: React
- Some knowledge: Django, .NET, Entity, GraphQL