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| OBJECTIVE | Computer Science & Engineering Co-op/Intern – Third Rotation | May – July 2024 |
| EDUCATION | Bachelor of Science in Computer Science & Engineering Minor in Mathematics Master of Engineering in Computer Science & Engineering <i>J.B. Speed School of Engineering</i> University of Louisville, Kentucky | Expected May 2025 Expected May 2026 GPA 3.97/4.0 Hours Completed: 91 |
| SKILLS | Technical Skills/Relevant Coursework <ul style="list-style-type: none"> C#, TypeScript, Javascript SQL, HTML, CSS, SCSS GitHub, Python, Java NET, C, & C++ (Novice Level) Data Structures, Agile, & SCRUM Embedded Systems & Algorithms Angular, API, & SQL in Databases Microsoft Excel data tracking | |
| APPLIED KNOWLEDGE | Personal Projects: https://SamBrey.net . Developed own personal website in my own time to showcase my experienced learn on internships using Angular with TypeScript. Website showcases a friendly UI project on AI pathing that was made with JavaScript. Also holds GitHub links to code repositories to other programming language projects(ie. Space Invader Python). | |
| WORK EXPERIENCE | Rawlings Company <i>IT Application Development Co-op</i> <ul style="list-style-type: none"> Led team of interns to test and upgrade angular software for important company applications Improved large-scale data processing programs for business analyzers using UI table filters Utilized SQL for data processing and worked alongside senior BQA departments | August – December 2023 Louisville, KY |
| | Rawlings Company <i>IT Application Development Co-op</i> <ul style="list-style-type: none"> Made full stack web application using SQL in SSMS, C# for API, & Angular with typescript Streamlined ticking software by implementing SQL to database web applications Worked alongside senior application developers to improve UI for internal web applications | January – May 2023 Louisville, KY |
| | University of Louisville Athletics – Men's Club Volleyball <i>President, Team Captain, Treasurer, and Secretary</i> <ul style="list-style-type: none"> Coordinated and hosted both local and national tournaments for up to 200 players. Oversaw team assets and the distribution of funding across multiple teams. Facilitated team practices and ensured adherence to proper regulations. | August 2021 – Present Louisville, KY |
| ACTIVITIES & HONORS | University of Louisville Dean's List Fall 2021-Present UofL Men's Club Volleyball, King Louie's Sand Volleyball Teaching Assistant and Grader for Calculus, J.B. Speed School of Engineering Tau Beta Pi Engineering Honor Society Member Peer tutor for engineering calculus and computer science Volunteer at Red Cross Home Fire Campaign | |