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| To secure a challenging Software  Engineering position where I can leverage my creativity, problem-solving skills, and expertise in AI/ML to develop innovative software solutions that enhance user experiences and drive business outcomes. web presence **LinkedIn:** <https://www.linkedin.com/in/hayley-treutens-2051aa24a/>  **wEBSITE:**  <https://countessoreo.github.io/Hayleys-Portfolio/> CONTACT HayleyTreutens@gmail.com  071 264 2729  Pretoria East, Gauteng, SA  **EDUCATION**  Bachelor of Computing (NQF8)  Software Engineer  Belgium Campus  2023 – Pending  Year of Study: 3 of 4  Cambridge International Education  AS Level (Matric)  Study Period: 2019 – 2022  **Achievements**  2nd place achiever in second year (2024)  **Leadership roles**  club leader (2024)  Tutoring (2025)  **LANGUAGE**  • ENGLISH |  | A person taking a selfie  Description automatically generatedHayley Treutens  ***SOFTWARE ENGINEER***  **ABOUT ME**  I am a dedicated and enthusiastic computer science student with a passion for solving problems through code. Currently pursuing my  degree, I have built a strong foundation in essential computer science concepts, various programming languages, and software  development methodologies. My academic journey has equipped  me with skills in algorithm design, data structures, and proficient  database management. | |
| SKILLS SUMMARY | |
| * C# * Python * JavaScript * Web Development * MS SQL Server * Visual Studio * JavaScript * Python * NodeJS * TensorFlow | * MS Teams * MS Excel * MS PowerPoint * MS Access * MS Word * Git * GitHub * Jupyter * ML models |
| **CAREER INTERESTS**  I wish to pursue a career in:   * Robotics, where engineering and technology converge to   create innovative solutions.   * Machine Vision and Machine Learning, combining computer science and image processing techniques to solve complex problems. * Artificial Intelligence, focusing on automation and streamlining tasks to improve efficiency and drive progress. * Software Development, building robust and scalable   applications to enhance user experiences and meet business  needs. | |
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| EDUCATION summary Belgium Campus ITversity **Bachelor of Computing****(NQF8)*****Specialisation***: **Software Engineer** **Study Period:****Jan 2023 – Pending** **Year of Study: 3 of 4** | **Core Fundamentals**   * Academic Writing * Computer Architecture * Database Development * Information Systems * Innovation and Leadership * Linear Programming * Mathematics * Networking Development * Programming * Statistical Analysis * Web Development * Business Management * Research   **Software Engineering Fundamentals**   * Software Analysis & Design * Software Testing Techniques * Software Engineering * Project Management in Software Development * Principals of Software Engineering * Machine Learning   **Data Science Fundamentals**   * Data Science * Database Development, Management and Administration * Statistical Methods and Analysis * Application of Information Technology * Research and Dissertation |
| **Cambridge International Education**  **AS Level (Matric)**  **Study Period:**  **Jan 2019 – Dec 2022** | **AS Level Subjects**  *(Advanced Subsidiary Level Extended Curriculum):*   * Pure Math * Chemistry * Physics * English * Afrikaans * Computer Science   **IGCSE Level Subjects**  *(International General Certificate of Secondary Education Extended Curriculum):*   * Math * Biology * Chemistry * Physics * English * Afrikaans * Computer Science |