Derek Hackenbracht

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Professional Summary

Analytical Software Developer with experience in software design and development. Practiced at aligning user needs with design and operating within time and budget constraints. Well-versed in various and diverse software programs and concepts.

Skills

- Programming Languages: Java, Python, C/C++, Javascript, SQL, Swift, HTML, CSS
- Object-Oriented design
- Full-stack development
- Technical writing and verbal communication
- Problem solving and debugging
- Adaptability

Experience

Software Engineering Intern   *May 2022 - Aug 2022*
Framatome - Lynchburg, VA

- Designed and constructed the MPGM Application in Java
- Adapted to changing user requirements
- Backend and Frontend, including GUI, Database, and Network programming
- Implemented Inter-processor communication and HTTP on embedded MPGM firmware

Improvement and Analysis Intern   *Aug 2020 - Aug 2021*
Framatome Performance - Lynchburg, Improvement and Analysis Intern

- Collected and wrote software requirements
- Wrote business standards to improve efficiency and safety
- Programmed in DevonWay
- Debugged Accurate HD in C++ and QML
- Worked during school year and breaks, in person and remote

Education

Bachelor of Science : *Data-Centric Computing*   *May 2023*
Virginia Tech - College of Engineering - Blacksburg, VA

- GPA 3.95.
- Minor in Math.
- Recipient of John L. Pratt Scholarship
- Recipient of James E. Turner Scholarship
- Honors College Norrine Bailey Spencer Strong Start Honoree for a 4.0 GPA 1st semester