

Noah Klein

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Profile

An undergraduate at The Ohio State University, working towards a bachelor's in Computer Science Engineering. Strong engineering design process background involving both large and small-scale projects. Passionate about low-level languages, integrated software development, and React.js.

Education

The Ohio State University - (08/2022 - Present)

Undergraduate: Computer Science Engineering

- GPA: 3.88
 - AU 2022, SP 2023, AU 2023, SP 2024 College of Engineering Dean's List
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Skills

- Programming Proficiency: C | C++ | x86 assembly | Java | JavaScript | React | TypeScript
 - Programming Familiarity: Python | MATLAB
 - Computer Aided Design: Fusion | AutoCAD | SolidWorks | Blender
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Work Experience

Sole Designer and React.js + TypeScript Web Developer

Digital Sports Solutions LLC – Remote - (9/2024 - Present)

- Contracted to create website hosted at <https://www.digitalsportssolutions.com/>

CSE 2421: Systems 1 Teaching Assistant

The Ohio State University – Columbus, OH - (8/2024 - Present)

- Selected by professor to hold office hours twice weekly, as well as grade student labs and prototypes.

Software Engineer Internship

Synchrony Financial – Remote - (06/2023 – 09/2023)

- Created backend infrastructure intended for use with micro-frontends.
- Created UIs with React JS for use by the public.
- Adapted and collaborated effectively within a Scrum workflow environment.

Engineering Internship

Stolle Machinery Inc. – Canton, OH - (06/2022 - 08/2022)

- Created SOLIDWORKS parts, drawings, and assemblies to be manufactured as components of large can presses.
 - Used Microsoft VBA to automate Excel worksheets.
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Projects

VEX U Robotics Team - (03/2024 - Present)

- Co-Founder and President of the VEXU Robotics Organization at The Ohio State University
- Created organization website at <https://osurobotics.org/>

VEX Robotics Team - (08/2018 - 05/2022)

- Led a 4-time Ohio State Champion team, World Championship Qualified 2020, 21, & 22
- Used the Engineering design process to build, and then program world-class competition robots.
- Club president developed a strong professional and personal relationship with organization coach.

Congressional App Challenge - (08/2018 – 05/2019)

- Collaborated within a team to develop an anonymous security app for use in schools to report concerns and/ or incidents of violence in real time.
- Selected a winner of the Congressional App Challenge by Rep. Tim Ryan