

Matthew McKee

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Professional Summary

Confident young professional with a passion for learning and development. Having over a year of experience as a Junior Software Developer at Sivers Photonics, I have refined my skills in Python and problem-solving. My time working at Sivers has provided me with invaluable hands-on experience in developing efficient software solutions.

Experience

Sivers Photonics

Software Engineer

Glasgow

July 2022 – Present

- Led the creation of an internal software solution enabling DFB laser drawing automation.
- Proficiently troubleshooted, debugged, and upgraded existing software.
- Tested, maintained, and recommended software improvements to ensure strong functionality and optimization.
- Utilized GitHub for version control and enhanced collaboration.

Education

University of Glasgow

- Bachelor of Science. Computing Science and Mathematics 2026
- Relevant Courses Completed: Introductory programming in Python, Computing Science Fundamentals, Computer Systems, Mathematics, and Introduction to Statistics

Jordanhill School

Glasgow

- AAAB at Advanced Higher, AAAAA at Higher

Skills & Interests

Technical:

- Programming Languages: Proficient in Python, Java, and JavaScript
- Web Development: Experience with React, Flask, and the MERN (MongoDB, Express, React, Node.js) stack.
- Proficient in using GitHub for code version control and collaboration.
- Skilled in data manipulation and analysis using Python libraries like Pandas.
- Strong understanding and application of OOP principles in languages like Python and Java
- Adept at implementing algorithms and data structures for efficient problem-solving.

Interests:

- Passionate about software development and exploring new technologies.
- Regularly participate in coding challenges and hackathons to enhance my coding skills.
- Enjoy problem-solving, logical thinking, and optimizing code for efficiency.

Personal Projects

E-commerce Website:

- Developed a fully functional e-commerce site with HTML, CSS, JavaScript for the front end, and Flask for the back end. Included user authentication, product catalog, shopping cart, and order processing.

Music Rating Website:

- Built a music rating site using the MERN stack (MongoDB, Express.js, React, Node.js). Designed the React front end, managed data with MongoDB, and implemented RESTful APIs using Express.js and Node.js.