

Sol Schade

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Portland, OR

248.921.2350

Experience

09.21 - *Textile Concept Specialist, NXT Apparel, Nike* | Portland, OR

06.19 - 08.21 *Textile Fabrication Engineer, Pennsylvania Fabric Discovery Center at Drexel University* | Philadelphia, PA

Project lead for soft exoskeleton device, knitting lead for capacitive touch sensor (CTS) project
Collaborate on research, industry, and defense application projects with small, interdisciplinary team
Design and prototype innovative textile solutions using flat bed, circular, and warp knitting machines

08.17 - 05.19 *Fabric Engineer, Advanced Functional Fabrics of America* | Cambridge, MA

Produced knit samples to communicate capabilities of AFFOA's functional fiber technology to industry
Collaborated with software team to augment software of seamless circular machine
Repaired, maintained, and programmed Stoll, Shima Seiki, and Santoni knitting machines

06.17 - 11.17 *Knit Development & Production Engineer, Ministry of Supply* | Boston, MA

Designed, programmed, and knit first run of Ministry of Supply's first 3D Print-Knit dress
Repaired, maintained, and ran production on Mach2x Shima Seiki WholeGarment knitting machine

12.16 - 01.17 *Artist in Residence, Textilsetur Íslands* | Blönduós, Iceland

Designed and crafted wool knitwear with hand knitting machine

07.15 - 11.16 *People Operations, Formlabs* | Somerville, MA

Developed interdisciplinary internship program, onboarded new employees, recruited for all disciplines

Higher Education

09.11 - 05.15 *Brown University* | Providence, RI

Visual Art (A.B. with Honors) & Civil Engineering (A.B.)

Skills

Knitting: Shima Seiki, Stoll, Santoni, Comez

General Software & Programming: Adobe Illustrator, Adobe Photoshop, SolidWorks, Onshape, Python