Mitchell Mosure

Address	12 Lathrop St, Madison, WI 53726
Cell	(608) 440-8010
Email	mitchell@mosure.me *(preferred)*
Website	*mitchell.mosure.me*
GitHub	*github.com/mosure*

Abstract

Seeking a full-time position as a software or machine learning engineer. Special interests in artificial general intelligence, consciousness, optimization, full-stack app development, computer vision, physical vapor deposition, and automation.

Education

University of Wisconsin - Madison
Majors: B.S. Computer Science with Mathematics Option
- **Expected Completion:** December 2019
- **GPA to Date:** 3.277/4.000
- **Credits to Date:** 127

Experience

CTech Manufacturing, Weston, WI
Position: Software Engineering Internship, September 2014 - September 2019
- Developed nesting and machine code optimization software for an AXYZ CNC
- Developed a parametric configuration framework for BOM use
- Developed monitoring and reporting devices for critical hardware and processes
- Developed shop routing and scheduling optimizer
- Engineered testing modules for various products and software
- Engineered products in several CAD/CAM suites
- Extensive Angular and ASP.NET Core Usage

Sudo.X LLC, Madison, WI
Position: Founder, April 2017 - Present
- Transcend Madison competition entity
- Managed team organization and product design
- Extensive use of GitHub, AWS, React, Node.js, and Python

Skills

Programming Skills

C#, TypeScript, Python, Matlab, Java, C++, MongoDB, SQL, Bash, HTML, CSS

Libraries and Frameworks

Angular, React, ReactiveX, .NET Core, LINQ, Node.js, Verilog

Tools and Platforms

GitHub, Amazon Web Services, Azure DevOps, Google Analytics, Unity 3D, Blender

Hardware

AVR, Arduino, Raspberry Pi, Various PLCs, PCB Development, 3D Printing, DC Sputtering Magnetron