

# PawanSutar

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## ABOUT ME

I am currently employed at [This Company]. Before this I was in graduate school at [This University] where I earned a PhD. in [Computer Science](<https://www.cs.wisc.edu/>) under the supervision of [This Professor].

**\*\*My interests:\*\*** \* Computer Graphics \* Develop web & desktop applications \* Physics based Modeling and Simulations

[This University]: <https://wisc.edu> [This Professor]: <https://wisc.edu> [This Company]: <https://github.com/acrlakshman/profileio>

## EDUCATION

**MSME Computer Science**  
University of Wisconsin-Madison

GPA: 3.90/4

## EXPERIENCE

### Senior Software Engineer

2019-Present

*Combustion and Propulsion Research Laboratory, Indianapolis, IN*

- Sample text written as part of the demo for profileio. Sample text written as part of the demo for profileio
- This is the sample text written for the demo of profileio

## PATENTS

**Physics based simulations:** Level set method I for artistic simulations (99999998). Level set method II for artistic simulations (99999999).

**Experimental physics:** Novel PIV method to quantify velocity of fluid flow through swirl atomizer (99999997)

## PROJECTS

### ProfileIO

\_with [Lakshman Anumolu]([/lakshmananumolu.com](https://lakshmananumolu.com))\_

2020-Present

- Website and resume generator via YAML

## PUBLICATIONS

Made-up title of an article for ProfileIO' demo, \*\*Author I\*\*, Author II, Journal of Computational Physics, 353:377-406, 2018.

Sample title of a book made-up to give demo for profileio, Author I, \*\*Author II\*\*, and Author III, volume 3 of Encyclopedia of Two-Phase Heat Transfer and Flow, World Scientific, 2018.

## VOCATIONAL TRAINING

### **Trainee**

2014

*Animation Studios*

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## SKILLS

**Programming Languages:** Fluent: C++, C, Go. Experienced: Python, JavaScript, PHP

**Libraries:** Eigen, NumPy, MPI, etc.

**Tools:** CMake, gdb, valgrind, etc.