

Nishkal Kashyap

Mechanical Engineer and self-taught developer

Chandigarh

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hello@nishkal.in

Summary

I'm a Mechanical Engineer and a self taught fullstack developer, building things, developing new technologies, blogging, promoting sustainability, and heralding entrepreneurship.

Experience

Team Defianz Racing

August 2017 - July 2019

Currently working on parametric shape optimization using evolution based genetic algorithms for single and multi-objective algorithms. Also, working on coupling of partial differential solver - CFD: OpenFOAM, with optimization heuristics and data I/O using Python. Parallel programming and Artificial Neural Network implementation to reduce computational time.

Universal Industries

Dec 2015

Worked with the Design department of Universal Industries, which is a renowned manufacturer of a wide range of mechanical power transmission products. Developed CAD models for pulleys and sprockets on SolidWorks. Studied the Quality Control processes implemented by the company.

Projects

Electronic Steering Wheel

Dec 2015

Tech Stack: Electron.js • Angular 7 • Node.js • Webpack

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