

Pranav Khadpe

INTERNSHIPS

JULY 2007 – PRESENT

eNTiDi software, Travagliato

Management and development

Software development for the industrial automation sector: configuration front-end in C with interface based on GTK+, web applications and sites on LAMP platforms grounded on the SilverStripe framework, supervisor programs in LabVIEW and remote system in Lua on GNU/Linux systems.

JANUARY 2002 – JUNE 2004

TEMA s.r.l., Travagliato

PLC Omron development

Development and testing of automatic and semiautomatic machines for ribbon winding on spools and rolls (safety belts, hook-and-loop tapes, elastic ribbon and bindings). Designing of electrical schematics on 2D cad and user manuals drafting.

PROJECTS

OCTOBER 1998 – NOVEMBER 2001

TWINS s.r.l., Sarezzo

PC and PLC Siemens development

Programming, installation and trial of transfer machines for assembly, adjustment and testing of gas taps. Development and installation of PC based semiautomatic test stands for pneumatic and hydraulic leakage tests on valves, gas regulators, electrovalves, tanks and others.

SEPTEMBER 1996 – SEPTEMBER 1998

Elettronica EFFE-GI s.n.c., Cazzago

PC and PLC Hitachi development

Development of automatic machines in general, here included the design of electrical, pneumatic and hydraulic schematics on 2D cad and the PLC programming. Implementation of configuration and logging front-end using RS232 serial communications between PC and PLC-based transfer machines in BASIC, Pascal and C.

JANUARY 1994 – JUNE 1996

Seven Diesel s.p.a., Rovato

Engineering department director

Planning of nozzles for diesel engines and organization of production. Upgraded the management software by implementing a system for data handling and automatic drawing generation (in DXF) developed on the SuperBase 95 RAD tool.

✉ B-523, LBS Hall
IIT,Kharagpur
WB, India

☎ +91-9609747165

✉ pranav.khadpe@gmail.com

🌐 www.linkedin.com/in/pranav-khadpe-8b406a103/

EDUCATION

Indian Institute of Technology, Kharagpur

2015 – 2020. B.Tech and M.Tech

Major-Electrical Engineering. 9.15/10

Minor-Computer Science

Dempo Higher Secondary School of Science

Goa, India

2013 – 2015. GBHSSC- 94%

Sharada Mandir School, Goa, India

2000 – 2013. ICSE- 97.33%

ACHIEVEMENTS

- Ranked **1st** in state in the ICSE Board exams 2013.
- State Rank **5** in GCET 2015.
- Secured All India Rank of **1322** in JEE(main) 2015 among nearly 15,00,000 candidates.
- Currently ranked **3rd** among all dual degree students in the Department of Electrical Engineering.
- Awarded Distinction in Grade-4 Speech and Drama, Trinity Guildhall.
- Awarded a Branch Change at the end of first year in college on basis of performance in first year.

RELEVANT COURSEWORK

Analog Electronics, Signals and Networks, Algorithms, Electronic Instrumentation, Electrical Machines, Data Structures, Science of Living Systems, Physics-1, Physics-2, Electrical Technology, Transform Calculus, Engineering Drawing and Computer Graphics.

SOFTWARE SKILLS

Fairly Proficient: C, C++

Intermediate Photoshop, Python, Solidworks

Basic level MATLAB, \LaTeX

EXTRA-CURRICULAR ACTIVITIES

- Reporter at The Scholars' Avenue, the campus media body of IIT Kharagpur.
- Actor at Technology Dramatics Society, Encore.
- Stand-up comedy.