



# Paul Barratt

Curriculum Vitae (CV)

## What job i'm looking for? My positive points

I would like part time mechanical engineering jobs or teaching technical subjects. Contract basis preferred. I would like to work from home but can travel on the West Rand, Gauteng.

I have 50 years experience, mainly with the Howden Group in SA including fan design, system design, flow measurement and fan performance testing. Have experience in energy engineering, composite design and production. Design of cooling fans (up to 10m in diameter).

Recent projects include design and supply of automated test rigs for heavy mining fans and compressor, writing the software for these test rigs (VBA), including report generation and test control. Written software programs for fan selection and performance curve plotting. Strong air flow, fan design background. Air flow measurement and testing. Mechanics and mechanical design. I enjoy VBA script writing.

Am currently tutoring an adult in pre-calculus mathematics. I believe my wide practical experience would make me suitable for teaching technical subjects and school mathematics.

Preferred occupation	Teachers
	Teaching jobs
	Engineers
	Engineering jobs
Preferred work location	West Rand
	Gauteng

## Contacts and general information about me

Day of birth	1948-08-30 (76 years old)
Gender	Male
Residential location	West Rand
	Gauteng
Telephone number	Information is available only for registered users. <a href="#">Sign in</a>
Email address	Information is available only for registered users. <a href="#">Sign in</a>

## Work experience

Working period **nuo 1973.05 iki 1993.05**  
 Company name Howden Group SA  
 You were working at: Engineers  
 Occupation Mechanical engineer, Combustion Engineer, Engineering Manager  
 What you did at this job position? Fan, system and combustor designs

Working period **nuo 2010.06 iki 2017.05**  
 Company name Paul Barratt Design Services  
 You were working at: Engineers  
 Occupation Sole member - Mechanical design  
 What you did at this job position? Design of Fans, Test rigs, Energy systems

Working period **nuo 2018.05 iki 2015.06**  
 Company name Howden Group SA  
 You were working at: Engineers  
 Occupation Design specialist  
 What you did at this job position? Composite blade design and general fan engineering

## Education

Educational period **nuo 1967.07 iki 1970.11**  
 Degree Diploma  
 Educational institution Johannesburg Technikon  
 Educational qualification T4 National Technicians Diploma  
 I could work Mechanical design and tutoring

Educational period **nuo 1996.02 iki 1998.11**  
 Degree Masters  
 Educational institution University of the Witwatersrand  
 Educational qualification Mechanical Engineering  
 I could work Mechanical design and tutoring

## Languages

Language	Speaking level	Understanding level	Writing level
English	fluent	fluent	fluent
Afrikaans	good	good	basic

## Computer knowledge

Excel and VBA scripting - Strong

Word

Power point

Draftsite 2D

Windows 11 OS

### **Additional information**

Your hobbies	Walking with RunWalk for Life Volunteer at Parkrun Yoga Gardening - Village Management Committee Member - Gardens Pop music Meditation group member
Driver licenses	B Light Vehicle ≤ 3,500kg
Driver license from	1967-00-00 (57 years)
Salary you wish	25 000,00 R per month
How much do you earn now	20 224,00 R per month