

Certificate of Completion

Name : BEN PAUL RICHARD

Course Title : CERTIFICATE COURSE IN MECHANICAL CAD

At : CADD SCHOOL - VADAPALANI

During : AUG 2023 - OCT 2023

Student ID : C4020523 Date Of Issue : 28 OCT 2023



Scan & verify your certificate

Branch Head

Managing Director



Corporate Office :
CADD SCHOOL PRIVATE LIMITED,
No.196 & 197, 1Ind Floor, Raahat Plaza, No.172,
Arcot Road,Vadapalani,Chennai -600 026.
Info : 044-4503 2001,caddschool@gmail.com,
www.caddschool.com

Awarded to **BEN PAUL RICHARD**

Reg.no **C4020523**

In **CERTIFICATE COURSE IN MECHANICAL CAD**

Software used **CATIA, GD & T**

2D Drafting

Introduction to CAD
Basics of CAD
Orthographic drawing
Advanced sketching
Drawing tools
Editing sketched objects
Advanced editing tools
Creating Text and Tables
Basic Dimensioning, GD & T
Editing dimensions
Constraining sketches
Technical drawings
Isometric drawings
Viewports & Layouts
Working with Layouts
Working with Blocks
Block attributes
External reference
Advanced drawing options
Grouping

Project Work

3D Modeling

Part Modeling
Creating Base features
Reference Geometries
Advanced Modeling tools
Object reception tools & Editing features

Assembly Modeling
Inserting & Moving individual Components
Applying & Editing Constrains
Creating Components & Subassemblies
Deleting & replacing Components
Sectioning & exploding an Assembly

Surface Modeling
Creating Wireframe elements
Creating Base surfaces & Advanced surfaces
Operations on Shape geometry
Surface operations

Sheet Metal Modeling
Sheet metal parameters
Creating Base wall & Swept walls
Creating Hems, Bends
Folding, Unfolding & Flat patterns
Stamping / Forming tools

Detailing
Generating standard & derived views
Exploded view & Interactive drafting
Editing drawing views
Frame & title block
Adding & Editing annotations
Generating the BOM & Ballons

Project Work

Manufacturing

Manufacturing objects
Wizards and shop documentation
Geometry definition
Tool Selection
Machining types
Milling
Turning
Drilling
Mill Multi axis
Multi blade

Manufacturing Methods
Planer profiling
Contour profiling
Z- level milling
Area milling
Engraving
Surface area cutting
Post Processing

Project Work

Analysis

Overview of Fem
Structural static Analysis
Thermal Analysis
Fluid flow Analysis
Computational Fluid Dynamics
Coupled field Analysis

Project Work

Geometric Dimensioning & Tolerance

Introduction
Fundamental Rules
Symbols
Types of Tolerance
Features of GD&T
GD&T rules
Dimensioning standards
Number of standards
Other standards

Project Planning & Managements

Project Planning
Scope of Management
Older methods of planning
Database Managements
Defining Calenders
Documentation
Planing & scope definition
Enterprise Project structure (EPS)
Organizational breakdown structure (OPS)
Work breakdown structure(WBS)
Activity generation
Resource planning
Relationships / Constrains
Filters
Thresholds, Issues & risk
S-Curves & Bar charts
Tracking
Report generation
Visual reports
Graphical reports

Project Work



CADD
SCHOOLTM



CERTIFICATE

OF COMPLETION

20 April, 2020

Ben Dedimus Stanes

Has successfully completed **Introducing Coding for Beginners: an HTML and CSS Online Course**

BitDegree Foundation VSI ©

INSTRUCTOR

ID-2653154



CERTIFICATE

OF COMPLETION

21 April, 2020

Ben Paul Richard

Has successfully completed **A Responsive Web Design Course: Find Out How to Create a Responsive Website**

BitDegree Foundation VSI ©

INSTRUCTOR

ID-2663539



CERTIFICATE

OF COMPLETION

21 April, 2020

Ben Paul Richard

Has successfully completed **Master Python Fundamentals the Fun Way: an Interactive Python Tutorial**

BitDegree Foundation VSI ©

INSTRUCTOR

ID-2653156



CERTIFICATE

OF COMPLETION

22 April, 2020

Ben Paul Richard

Has successfully completed **Learn Solidity with Space Doggo: an Interactive Solidity Tutorial**

BitDegree Foundation VSI ©

INSTRUCTOR

ID-2675733



CERTIFICATE

OF COMPLETION

24 April, 2020

Ben Paul Richard

Has successfully completed **Intro to Effective Communications: Learn to Become a Customer Success Agent**

Hostinger

INSTRUCTOR

ID-2688938



CERTIFICATE

OF COMPLETION

25 April, 2020

Ben Paul Richard

Has successfully completed **Bootstrap Tutorial: Learn to Create Dynamic Websites In a Pinch**

BitDegree Foundation VSI ©

INSTRUCTOR

ID-2692596



CERTIFICATE

OF COMPLETION

25 April, 2020

Ben Paul Richard

Has successfully completed **Hacking MasterClass: Ethical Hacking Course for Career Accelerator**

Sagar Bansal LPT | CCISO |
CISSO | CEI | CHFI | ECSA |
CISSO

INSTRUCTOR

ID-2617189



CERTIFICATE

OF COMPLETION

27 April, 2020

Ben Paul Richard

Has successfully completed **An Interactive JavaScript Course for Beginners**

BitDegree Foundation VSI ©

INSTRUCTOR

ID-2693491



05/24/2020

BEN PAUL RICHARD SAM PAUL PRABHAKAR

has successfully completed

IT Security: Defense against the digital dark arts

an online non-credit course authorized by Google and offered through Coursera



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Google

COURSE CERTIFICATE



Verify at coursera.org/verify/956KZXCPZKH8

Coursera has confirmed the identity of this individual and
their participation in the course.



05/09/2020

BEN PAUL RICHARD SAM PAUL PRABHAKAR

has successfully completed

The Bits and Bytes of Computer Networking

an online non-credit course authorized by Google and offered through Coursera



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Google

COURSE CERTIFICATE



Verify at coursera.org/verify/GMV5DD2VYKEP

Coursera has confirmed the identity of this individual and
their participation in the course.



05/05/2020

BEN PAUL RICHARD SAM PAUL PRABHAKAR

has successfully completed

Operating Systems and You: Becoming a Power User

an online non-credit course authorized by Google and offered through Coursera



.....
Google

COURSE CERTIFICATE



Verify at coursera.org/verify/MFYC6RAYVNK2

Coursera has confirmed the identity of this individual and
their participation in the course.



05/30/2020

BEN PAUL RICHARD SAM PAUL PRABHAKAR

has successfully completed

Crash Course on Python

an online non-credit course authorized by Google and offered through Coursera



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Google

COURSE CERTIFICATE



Verify at coursera.org/verify/MVPLZ57UBJSB

Coursera has confirmed the identity of this individual and
their participation in the course.



05/02/2020

Ben Paul Richard

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



A handwritten signature in black ink that appears to read "Charles Severance".

Charles Severance
Clinical Professor, School of Information
University of Michigan

COURSE CERTIFICATE



Verify at coursera.org/verify/P67YX5N4XH7R

Coursera has confirmed the identity of this individual and
their participation in the course.



05/20/2020

BEN PAUL RICHARD SAM PAUL PRABHAKAR

has successfully completed

System Administration and IT Infrastructure
Services

an online non-credit course authorized by Google and offered through Coursera



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Google

COURSE CERTIFICATE



Verify at coursera.org/verify/PKBNDVU8T8UP

Coursera has confirmed the identity of this individual and
their participation in the course.



5 Courses

Technical Support Fundamentals

The Bits and Bytes of Computer Networking

Operating Systems and You: Becoming a Power User

System Administration and IT Infrastructure Services

IT Security: Defense against the digital dark arts



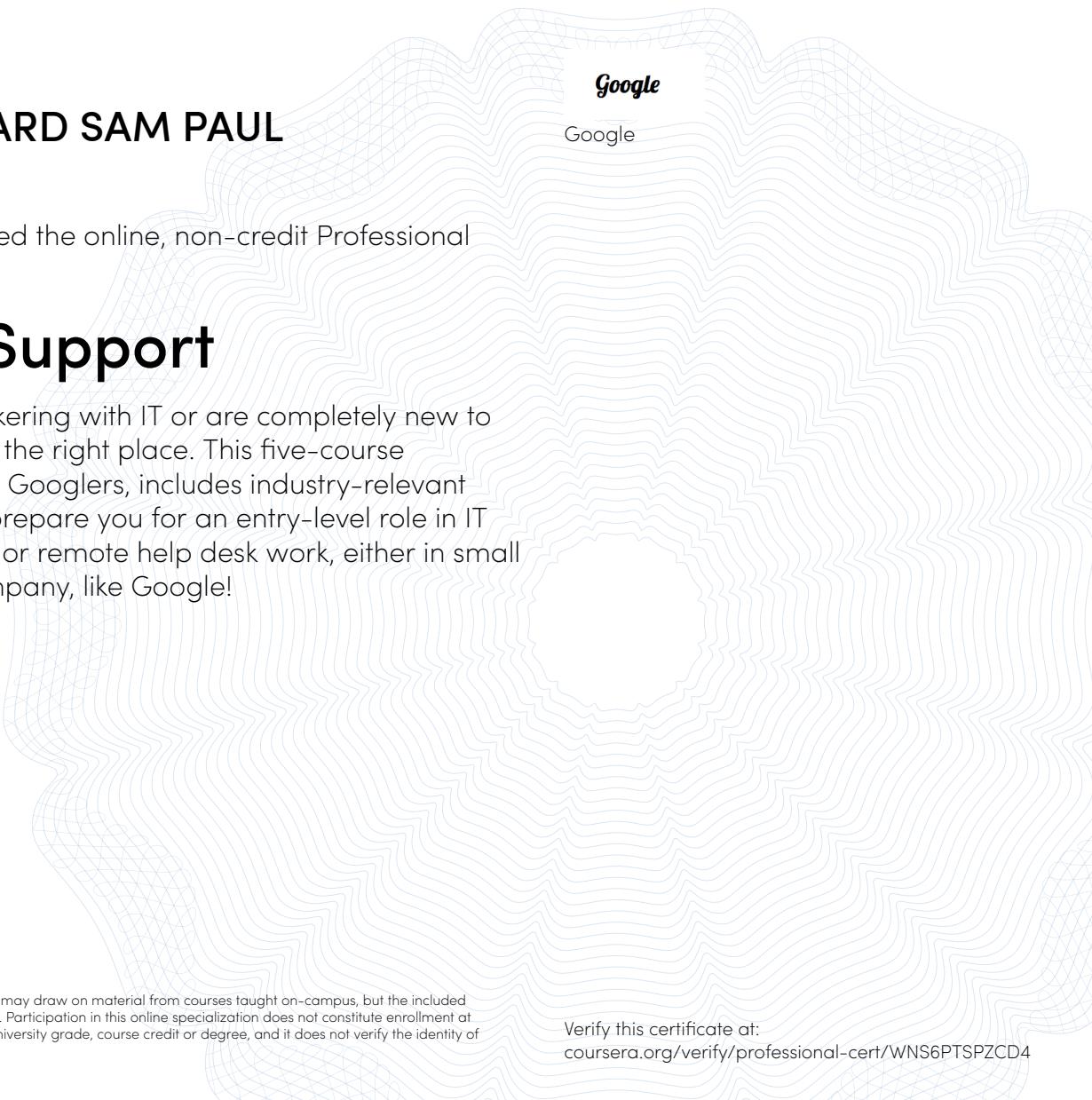
05/24/2020

BEN PAUL RICHARD SAM PAUL PRABHAKAR

has successfully completed the online, non-credit Professional Certificate

Google IT Support

Whether you've been tinkering with IT or are completely new to the field, you've come to the right place. This five-course certificate, developed by Googlers, includes industry-relevant curriculum designed to prepare you for an entry-level role in IT support. Think in-person or remote help desk work, either in small shops or at a global company, like Google!

A faint watermark of the Google logo, showing the stylized 'G' and the word 'Google' below it, is overlaid on the background of the certificate.

Google

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:
coursera.org/verify/professional-cert/WNS6PTSPZCD4



VERIFIED 

CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

BEN PAUL RICHARD

HAS SUCCESSFULLY COMPLETED

PHP

DATE: 31/03/2020

CERTIFICATE NUMBER: 055H86650K13D75A1E

*THIS CERTIFICATE IS AUTO GENERATED



S.P. BALAMURUGAN
CO-FOUNDER AND CEO



VERIFIED 

CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

BEN PAUL RICHARD

HAS SUCCESSFULLY COMPLETED

PYTHON

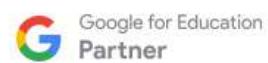
DATE: 31/03/2020

CERTIFICATE NUMBER: EUCJ5P3R8514Q60056

*THIS CERTIFICATE IS AUTO GENERATED

S.P. BALAMURUGAN
CO-FOUNDER AND CEO





Ben Paul Richard

is here by awarded the certificate of achievement
for the successful completion of

Machine Learning 101

A handwritten signature in blue ink that reads 'M. Arunprakash'.

M. Arunprakash

Founder and CEO,
GUVI Geek Networks.

Certificate issued on : March 31 2020

Verified certificate ID: 5600H81F769ku3pG5c

Verify certificate at: www.guvi.in/certificate?id=5600H81F769ku3pG5c