

Engineer with a record of accomplishment of academic achievement demonstrated with a completion of a degree course in Aeronautical Engineering (BSc) at University of Brighton.Previously completed a HND in Aeronautical Engineering, Level 3 in Aeronautical Engineering and also a Computer Aided Design (2D) Level 3 Manufacturing Award at Crawley Central Sussex College. Equipped with excellent communication, team working skills and focused on professional development. Currently working at iWireless Solutions based in East Grinstead, West Sussex as a Project Coordinator.Currently developing skills, working towards acquiring the position of a Project Manager within the engineering sector. Founder of www.irfanaceali.com

**IRFAN**

Contact

Irfan.379404@2freemail.com

IT Skills

Microsoft Oﬃce: Word, PowerPoint, Publisher, Excel.

Adobe Photoshop

Sony Vegas

After Eﬀects

Capable of designing 2D and 3D CAD designs on AutoCAD, (Learning): CATIA/Solidworks and knowledge of editing and production software’s.

Languages

English (Native) Punjabi (Fluent) Urdu (Fluent) Hindi (Fluent)

Arabic (Learning)

**FEB 2017 – CURRENT**

Project Coordinator

iWireless Solutions, East Grinstead

Surveying, Designing, Building and Managing Microcell site builds for Telefónica.

Preparing costs, resources, documentsandmobilising activities for site builds.

Accurately maintaining department records and trackers, inclusive of project updates.Supported projects from, Notice to Quit, Lift & Shift, High Level Designand City of London.

Maintaining good client relations prior, during and after completion of projects.

Engineering Administrator

iWireless Solutions, East Grinstead

Helping with development builds, creating and modifying schematic diagrams.

Filling and documenting designs to be enforced.

Setting up Design Spec sheets in accordance with sales and customer requirements. Creating and maintaining Build/Assembly Documentations.

Creating lists of components for project review.

**APR 2014 – APR 2014**

System Test Engineer

Cubic Transportation Systems – Cubic Corporation, Salfords

To review and research system designs and contractual requirements.

To produce test plans and scenarios to prove system and device functionality.

To identify bugs and defect and actively problem solve.

To record and administer the system test process.

To produce interim and final test reports for project managers.

**NOV 2016 – FEB 2017**

Selected as one of the ﬁnal 24 candidates for Boeing/Vector Aerospace Apprenticeshipin 2013 (out of 1,200+ candidates) following completion of examinations in maths, science, team tasks etc.

Recognised as having exceptional skill and potential and selected as one of only seven students selected from Aeronautical Engineering class to complete project to dismantle College’s piston aircraft from ‘Redhill Aerodrome’ and reassemble the aircraft at ‘Gatwick Aviation Museum’.

Passed BSc degree at University of Brighton in Aeronautical Engineering &Level 5 (HnD),Level 3 (Diploma), Level 3 Computer Aided Design (CAD) course at Central Sussex College.

Developed hands on skills and knowledge of machinery and have conducted aircraftpatch repairs, chisels and material moulding etc. during academic career.

Recognised for the creation of the AirRecon Quadcopter drone, as a college project at Central Sussex College, HnD. Articles published online and in newspapers.

100% attendance for Aeronautical Engineering from 2011 – 2015.

Aeronautical Engineering Rep for Level 3 (Diploma), Level 5 (HnD) and Level 6 (BSc).

Joined the Royal Aeronautical Engineering Society as a student affiliate in 2016.

Group leader of a 1st& 2nd university project (search and data collecting/analysing drone).

PROFESSIONAL EXPERIENCE

KEY ACHIEVEMENTS

PROFESSIONAL PROFILE

Interests

Engineering and Science and use spare time to do further research in these ﬁelds. Simulating Flight Simulator at home as flying aircrafts and plane spotting at Gatwick Airport is enjoyed. Had created own media brand ‘AceDoubleG’ and Engineering page ‘AirRecon’. Currently the founder of business brand ‘www.irfanaceali.com’ based around engineered products such as automotive components and high-class accessories and fragrances.Researching into Automotive Engineering as there is a deep passion for cars, especially the Ford Motor Company. Driving and competitive racing is also enjoyed; hence doing Go Karting as a regular activity.

References

Available on request

**2012 – 2013**

**2015 – 2016**

BScDegree in Aeronautical Engineering (2:1)University of Brighton

Modules: Aeronautical Instrumentation (P), Aircraft Propulsion Systems (P), Product Innovation and Management (P), Group Project, Radio and Navigation Systems (P), Aircraft Design (P) and Engineering Simulation (P).

**2011 – 2012**

HND in Aeronautical Engineering, Overall 1st year Distinction

Crawley Sussex College

Aeronautical Engineering Level 3, Overall 1st year Distinction

Crawley Sussex College

Modules: Aircraft Maintenance Practices (Distinction): Electro, Pneumatic and HydraulicSystems and Devices (Merit): Theory of Flight (Distinction): Human factors in Aircraft Engineering (Distinction): Aircraft Gas Turbine Engines (Pass) Mechanical Principles and applications (Merit): Health & Safety in the Engineering workplace (Distinction): Mathematics for Engineering Technicians (Pass): Electrical and Electronic Principles (Pass): Aircraft Electronic Devices and Circuits (Pass).

Aeronautical Engineering Level 3, Overall 2nd year Distinction

Crawley Sussex College

Modules: Aircraft Materials and Hardware (Distinction): Aircraft Instruments and Indicating Systems (Distinction): Communications for Engineering Technicians (Distinction): Engineering Project (Distinction): Engineering Design (Distinction): Applications of Mechanical Systems in Engineering (Merit): Further Mathematics for Engineering Technicians (Pass): Principles & Applications of Aircraft Mechanical Science (Pass): Principles and Applications of Aircraft Physical Science (Merit).

Modules: Construction & Operation of Aircraft Fluid System (Distinction): AerodynamicPrinciples and Aircraft Design (Distinction): Analytical Methods for Engineers (Pass): Engineering Design (Distinction): Engineering Science (Merit): Health, Safety and Risk Assessment in Engineering (Distinction): Materials Engineering (Distinction): Personal and Professional Development (Distinction).

**2013 – 2014**

Modules: Project Design, Implementation and Evaluation (Distinction): Aircraft System Principles andApplications (Distinction): Aircraft Structural Integrity (Distinction): Aircraft Gas Turbine Science (Distinction): Mechanical Principles (Distinction): Application of Machine Tools (Pass): Management of Project (Distinction): Employability Skills (Distinction).

**2014 – 2015**

Computer Aided Design (2D)Level 3 Manufacturing AwardCrawley Sussex College

HND in Aeronautical Engineering, Overall 2nd year Distinction

Crawley Sussex College

**2014 – 2015**

CORE SKILLS

Capable of working independently, or as an integral part of a team, and with a highdegree of initiative. Confident speaker and presenter.

Resourcefulandgoodproblem-solverwithexcellentanalyticalandcommunicationskills.Quicklearnerwithaninquisitivemind,andcommittedtopursuingpersonaldevelopment.Capable of dealing with a diverse range of people.

Equipped with the ability to meet deadlines and targets in a busy environment. Highly organised and methodical with an eye for accuracy and detail.

Operating to high standards of quality, compliance and conﬁdentiality.

EDUCATION & QUALIFICATIONS