

# Resume

## Abu Dhabi Integrated Public Transport Network - PMC

Name: **HEVEN LAWRENCE CRUZE** Position: **D-29: CAD MANAGER**  
 Affiliation: **Principal Sub-Consultant to Fluor**  
 Contact No: **+971 50 5793844 & Mail Id: [heven.lawrence@gmail.com](mailto:heven.lawrence@gmail.com)**

Criteria	Details
1. Personal Information	Indian
2. Academic Qualifications and Training	Pre-University (Mathematics), 1977 to 1979 Diploma in Civil Engineering, 1979 to 1982
3. Professional memberships and registrations	None
4. Employment History	<div> <div>2010 to date</div> <div>           FLUOR Mideast Limited, Abu Dhabi.            CAD Manager,            Program Management Consultancy,            Abu Dhabi Department of Transport (DoT).         </div> </div> <div> <div>2007 to 2010</div> <div>           WS Atkins &amp; Partners Overseas, Dubai            CAD Manager            Design Supervisor            Liaison officer-Utility NOC            Package Reviewer-Concept to Tender         </div> </div> <div> <div>1996 - 2007</div> <div>           Hyder Consulting, Dubai            CAD Manager &amp; Road Horizontal Alignment Designer         </div> </div> <div> <div>1986 - 1996</div> <div>           ACCER Freeman Fox John Taylor and Son            (now named Hyder Consulting), Dubai            CAD Supervisor / CAD Draughtsman         </div> </div> <div> <div>1983 - 1986</div> <div>           Ardent &amp; Arkan Consultant, Abu Dhabi            Structural Draughtsman         </div> </div> <div> <div>1982 - 1983</div> <div>           Shanthy Consult, India            Draughtsman cum Inspector         </div> </div>
5. Summary of Relevant Experience and Skills	<p>Working as a CAD Manager with FLUOR, I have been created CAD Manual for DoT for entire there project. Now whoever working (all the consultant and contractors) for DoT they have to follow those CAD Manual. Now I am Task leader for <b>Survey &amp; Field Reviews:</b> a). A0 Presentation Boards of Alignments, b). Other Graphical Representation of the Corridors. <b>Corridor</b></p>

	<p><b>Mapping:</b> a). Aerial Photographic Survey of Study Corridors, b). Digitized Corridor Mapping for Study Corridors. And also I am Responsible person for All the design drawings</p> <p>Heven joined Atkins as CAD Manager in 2007 (created a NEW CAD MANUAL FOR INFRASTRUCTURE DEPARTMENT for ATKINS DUBAI) and then become Design Supervisor, Liaison Officer - Utility NOC and Package Reviewer (concept to tender). Has since been involved in various infrastructure projects of the firm, from concept through to detailed design stages. He has 27 years of extensive experience with Consultants, Contractors in various aspects of draughting, design, and presentation work for major civil, metro, structural and architectural works, which also included taking off quantities for estimation purposes.</p> <p>Involved in the following scope of work: detailed design for horizontal alignment, setting out for Plan, Junction, Roundabouts, Parking Lots and all the Utilities (Potable water, Storm water, Foul water, Irrigation water, Fire water, Gas network, District cooling, Street Lighting, Electrical &amp; Telecom); Managing all CAD Technicians and Junior Design Engineers for various projects Day to day liaison with external offices (All the government Agencies, In house Design office and overseas production office), Site Engineers for preparations of drawings/ details.</p> <p><b>Specialization</b></p> <ul style="list-style-type: none"> <li>• Civil, Metro, Infrastructure, Structural and Architectural works</li> <li>• Taking off quantities for estimation purposes.</li> <li>• Horizontal Geometrical Details Design for all Internal roads with Junction, Roundabout &amp; Parking Lots</li> <li>• Utility Design for Street Lighting (Dialux 4.5 for Design Software) &amp; Traffic Signal Design all the Major Junctions</li> <li>• Utility Cross Section Design for Utility Corridor (ROW)</li> <li>• All Local authority standard and requirements for Utility and Road Design Function</li> <li>• Design Support for Telecom Design</li> <li>• Clash Analysis for all the Utilities (Existing &amp; Proposed)</li> <li>• Extensive Knowledge of Auto Cad Old Version to Latest Version (2005, 2006, 2007 Up to 2010)</li> <li>• Basic General Knowledge of Microstation, GIS &amp; Revit</li> </ul>
6. Other Skills relevant to the position requirements	<p>From 1995 to 2007, while with Hyder Consulting, I was involved in setting up Production centre for Manila Office and I was Coordinator for that project and has provided training for the Technicians</p> <p>With WS ATKINS, I established Highways and Infrastructure CAD Manual for our Department. I am now leading the design team for liaising with all the Authorities for design approval</p> <p><u>IT Skills</u></p> <ul style="list-style-type: none"> <li>• All The Versions of AutoCAD (2004 to 2008)</li> <li>• Basic Knowledge Of Microstation (V7 &amp; V8)</li> <li>• Basic Knowledge of Revit</li> <li>• Basic Knowledge of Design Software for MX ROAD</li> </ul>

	<ul style="list-style-type: none"> <li>• Basic Knowledge of Design Software for Water Cad</li> <li>• Knowledge of Design Software for Dialux4.5</li> <li>• Knowledge of Excel and Word (2003)</li> <li>• Own Library for bunch of useful Lisp Programme</li> </ul> <p><u>Language Skills</u> English, Arabic (working knowledge)</p>
7. Work experience	<p>August 31, 2010 to Date <b>FLUOR Mideast, Abu Dhabi.</b> <b>-CAD Manager for DoT IPTN Project,</b></p> <p>March 18, 2007 to 2010 <b>WS Atkins &amp; Partners Overseas Dubai</b> <b>- CAD Manager</b> <b>- Coordinator and Supervisor</b> of all Design Engineers and CAD Technicians to Create Design packages to project for various stages according to the Authority Standard and System (RTA-RM, RTA-SL, RTA-TF, MM-ROW, MM-DR, MM-SW, MM-IRR, MM-SER, MEWA(E), MEWA(W), Telecom, Civil Defence &amp; Traffic Police, etc.) as well as quality control of works in accordance with Atkins Company System. Works involved day to day liaison with Design Manager, Project Managers and Senior Engineers for preparation of programme for Packages and Weekly output structures</p> <p><b>- Member of peer reviewer.</b> As part of reviewer team, tasked to ensure that constructability and statutory authorities approval and standard are achievable, taking into consideration cost implications</p> <p><b>- Liaison officer - Utility NOC:</b> Liaising with Authorities (RTA, DM, Dewa, Etisalat, Du, Civil Defence, Oil &amp; Gas, Tabreed, Sea Port, Environmental, Rail, and Military) for all the design works.</p> <p><u>2008 to Date</u> <b>Client: Dubai Municipality / Roads and Transport Authority, Nakheel LLC, DIFC, Emaar, Qatar Foundation (Qatar Petroleum)</b></p> <p><u>Project:</u> Qatar Education City – Durrat, Bahrain 5076647- Al Furjan School and Campus 5077837- Dubai Water Front Phase 3 – Peer Review (Infrastructure project) Jebel Ali Palm, Dubai 5070267- Coral Island (Infrastructure project) The World, Dubai 5073592- Mina Rahid (Infrastructure project) Dubai 5077177- Al Kifaf (Infrastructure project) Dubai 5069405- Al Mamzar (Infrastructure project) Deira Palm, Dubai 5077835- Al Helio (Infrastructure project) Ajman 5075317- Black City Baku (Infrastructure project) Azerbaijan 5074782- Dubai Water Front Phase 4 (Infrastructure project) Jebel Ali Palm, Dubai</p> <p><u>2007 to 2008</u> Involved in the following Client for projects: - Managing all CAD Technicians for various projects <b>Client: Dubai Municipality / Roads and Transport Authority, Nakheel LLC, DIFC, Emaar</b></p>

	<p><u>Project:</u>          6781- City Garden Bahrain          4626- Dubai Promenade          4660- Al Rostamani, Marina Tower          4559- Palm Jumeirah Gateway Towers          4525- The Taaleem Flagship School and Campus          4607- Dubai Promenade Bridge Links(Infrastructure project)          6788- Durrat Al Bahrain (Infrastructure project)</p> <p>1986 to 2007  <b>Hyder Consulting, Dubai</b>  <b>CAD Manager &amp; Road Horizontal Alignment Designer</b>  <b>ACCER Freeman Fox John Taylor and Son Dubai (now named as Hyder Consulting)</b>  <b>CAD Draughtsman → CAD Supervisor</b></p> <p><u>1986 to 2007</u>          Details design for Horizontal alignment setting out for Plan, Junction, Roundabout and Parking Lots and managing all CAD Technicians for various projects</p> <p>Involved in the following projects:  <b>Client: Emaar Properties PJSC</b>          Dubai Marina Land Development          Burj Dubai Land Development          Burj Dubai Tallest Tower Project and Development          Emirate Lakes Land Development          Emirates Tower Project (World 9th Tallest Building), Dubai  <b>Client: JAPFZA</b>          Roads in Jebel Ali Phase 1 (for 120 ha area)          Roads in Jebel Ali Phase 2 (for 200 ha area)          Roads in Jebel Ali Phase 3 (for 280 ha area)          Roads in Jebel Ali Phase 4 (for 300 ha area)          Drainage &amp; Sewerage Phase 1,2, &amp;3  <b>Client: Dubai Municipality / Roads and Transport Authority</b>          Roads in Nad Al Hammar (for 1050 ha area)          Roads in Nad Al Shiba (for 600 ha area)          Roads in Muhaisnah and Mizhar (for 1200 ha area)          Interchanges and Road works on Garhoud Ramool Roads          Junction Improvement in Deira and Bur Dubai (More than 4 Major Junctions)          Baniyas Interchange, Dubai          Al Awir Industrial Area Roads, Dubai.          Roads in Nad Al Hammar Phase 1, Dubai          Al Quoz Industrial Area Roads, Dubai          Dubai Al Am road Phase I and II, Dubai          Roads in Al Rashidiya Residential Area Phase 4, Dubai          Al Nahda Interchange, Dubai          Al Garhoud Bridge Upgrading, Dubai          Al Garhoud Bridge Road Upgrading, Dubai          Dubai Town Roads (Various contract More than 10 project), Dubai          Rehabilitation between CMC to Bukudra R/A, Dubai          Al Khaleej Road widening, Dubai          Roads in Hor Al Anz Phase 2, Dubai          Ramool Road Extension, Dubai          Roads in Dubai Hatta Phase 1 &amp; Phase 2 , Dubai          Al Ras Modification Phase 1, 2, 3 &amp;4, Dubai          Bur Dubai Modification Phase 1, 2, 3&amp;4, Dubai          Drainage &amp; Sewerage - Jumeirah South East Up to Safa Park, Dubai</p>
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