

EMERSON SCHUPPE

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WORK EXPERIENCE

PRINCIPAL STRUCTURAL / CIVIL ENGINEER

10/2016 - PRESENT

San Francisco, CA

- Development of designs and the co-ordination of the CAD team
- Co-ordination of the production of construction drawings in CAD
- Liaise with the Client's personnel
- Knowledge and understanding of the application and requirements of the Project Environmental, Safety & Health (ES&H) Handbook and the Bechtel Core Processes as they relate to area of responsibility
- Familiar with Bechtel's Business Ethics handbook and policies
- Knowledge of Bechtel's "Zero Accidents" safety program
- Knowledge of the use of subcontracts; knowledge of the contractor/ subcontractor's responsibilities contained in subcontract documents
- Promote and protect Tesla's reputation as a cutting-edge company producing the world's most exciting cars and shifting the paradigm of personal transportation worldwide

SITE CIVIL ENGINEER

03/2010 - 06/2016

Los Angeles, CA

- Good report writing, communication and teamwork skills
- Good capability with Microsoft office, including word and excel
- Experience of civil & structural condition investigations, design, rehabilitation and site based engineering for capital projects
- Work Health & Safety experience and qualifications (e.g. White Card, Confined spaces, working at Heights)
- Build relationships and maintain rapport with stakeholders
- Meeting with key clients and potential clients, and writing proposals to share your and the team's talent for solving complex issues with innovative solutions
- Coordinate with project team, and participate in interdisciplinary reviews
- Technical and professional guidance, support and development of more junior engineers and technicians
- Project planning, delivery and financial performance

ASSISTANT CIVIL ENGINEER

08/2004 - 09/2009

San Francisco, CA

- Registered and in good standing as a Professional Engineer (PE)
- Yrs of hands-on experience building high-tech infrastructure and operational facilities (semiconductor, solar, battery, etc.)
- Background in site/civil engineering plans, stormwater management plans, heavy civil, wastewater, and manufacturing operational construction
- Experience with roadway, grading, pavement, sewer, storm drainage, erosion and sediment control, and traffic plans
- Communicate clearly and interface at an executive level
- Happy to travel and stay for extended periods of time at construction sites
- Two major aspects of the Group's focus in the near future are: (1) upgrading and expansion of the water systems' SCADA, metering & instrumentation, and asset management systems; and (2) comprehensive condition & capacity assessments and development of master plans and capital improvement programs for each category of civil infrastructure
- Undertake site visits as needed
- Experience and/or interest in some of the following;- water management, hydraulics, hydrology, geotechnical engineering and structures, would be an advantage

EDUCATION

OKLAHOMA STATE UNIVERSITY - TULSA

1999 - 2003

Engineer's Degree in Civil Engineering

PROFESSIONAL SKILLS

- Demonstrate excellent communication skills including technical writing
- Skilled at collaborative working, have good interpersonal skills and an ability to communicate effectively
- Use your excellent analytical skills to derive potential solutions to engineering problems and engineering judgement to appraise and recommend options
- Excellent computer skills including AutoCAD Civil 3D, Microsoft Excel and Microsoft Word
- Competitive salary commensurate with education, experience, and skills
- Clear and proven analytical skills with practical application
- Excellent oral and written communication skills for client contact