

SUMMARY

Seeking a full time and a challenging position in a firm where my engineering and urban planning, management and interpersonal skills, academic knowledge, core values and work ethics, responsibility as a global citizen and my sincere passion for urban planning would benefit the community, the business, my colleagues and myself.

EDUCATION

Masters of Urban and Environmental Planning (May 2014)
Arizona State University, Tempe, Arizona GPA: 4.0/4.0

Bachelor of Technology (B.Tech) in Civil Engineering (May 2010)
National Institute of Technology (NIT) Surat, India GPA: 3.80/4.0

SOFTWARE SKILLS

- ArcGIS, Sketch Up, Photoshop, Illustrator, In-Design, MS Project, Auto Cad 2D, MS office, SPSS
- Basics of LEED, Basics of Sustainability

GRADUATE PROJECTS

Town of Wickenburg Downtown Heritage Design Plan – Capstone Project (Spring 2014)

- Propose Economic Development plan, Design Guidelines and Implementation Strategies.

Bike/Walk Queen Creek - SNU Project (Fall 2013-Spring 2014)

- Design bike/pedestrian friendly wayfinding on-street sign boards.

Beautifying Grand Avenue (Phoenix) using Tactical Urbanism – SPA Project (Spring 2014)

- Attended design charrette with architects, stakeholders and students of SPA and proposed ideas for making Grand Avenue user friendly street using concepts of Tactical Urbanism

Water Purification Solution for Developing Nations (Fall 2013)

- Designed and experimented a low cost, easy-to-use modular filter for people in the developing nations earning \$2.5 or less per day. Presented a poster at ASU innovation challenge 2013.
- Acted as a student liaison between ASU, IIT-Delhi (India) and University of Trinidad and Tobago during project tenure.

Walk Tempe/ Walk Mesa- SNU Project (Spring 2013-Fall 2013)

- Conducted a survey and designed pedestrian friendly wayfinding on-street sign boards.
- Presented a poster at APA-AZ 2013 conference and won “Student Poster Planner’s Choice Award”

Place-Making in Mesa, Arizona – Planning the Urban Plaza in Downtown Mesa (Spring 2013)

- Performed socioeconomic and demographic data analysis for the project which helped in making planning decisions.

Complete Neighborhoods- for Healthy, Safe and Affordable Living (Spring 2013)

- Identified the key elements that contribute to a livable neighborhood, studied best practices and case studies related to those elements and identified effective methods for measuring the benefits of those elements.
- Compiled and formatted all the chapters into a single document and created a website/blog for the same. (<http://completeneighborhood.wordpress.com/>)

Reinvent Phoenix - Reworking on City’s Zoning Code with Form-Based Code technique (Spring 2013)

- Conducted analysis of the region, identified the DNA of the respective transect region and provided the City with new-zoning code for the five districts based on transect zoning and using Smart Code.
- Headed a team of 8 students from different discipline and successfully completed the project on time.

Tempe Streetcar Alignment Study - Study and compare the impacts of three alignments (Spring 2013)

- Conducted an assessment of the ridership, identified potential land development sites for each alignment using GIS and other data available from City of Tempe.

PROFESSIONAL EXPERIENCE

Intern – San Francisco Public Utilities Commission, Project Management Bureau

(June 2013- August 2013)

City and County of San Francisco, San Francisco, CA

- Gathered project information and prepared project management plan for two projects which were part of Sewer System Improvement Program.
- Coordinated with people from different department and prepared Needs Assessment Report for wastewater security projects.
- Studied Triple Bottom Line Analysis and performed analysis for a draft project.
- Attended on-site project progress meetings and prepared meeting minutes.
- Followed up on issues identified during the meeting and presented the findings in the next meeting.
- Studied Urban Watershed Assessment planning process and application of green infrastructure for storm water management. Studied and got familiarized with the environmental permitting process for projects.

Assistant Engineer/Manager

(Aug 2010-July 2012)

Reliance Infrastructure Limited, Roads Business, Mumbai (India)

Business Development and Project Planning Team

(Aug 2010-Nov 2010)

- Analyzed the viability of more than 12 projects in terms of profit/loss and revenue generation using Google earth and other mapping tools. Considerations were presented to senior management.
- Performed market analysis and competitor analysis for highway projects in India.
- Restructured the pattern, introduced new sections in roads business monthly newsletter and published over 18 editions of the newsletter.

Bidding and Tendering Team and ISO audit Team

(Dec 2010- July 2011)

- Conducted multiple site visits to study the project feasibility, performed traffic counts and collected existing site details.
- Worked accurately and precisely with consultants conducting O-D survey and saved few million dollars of the company.
- Estimated detailed cost for the construction of culverts for over 15 projects - a part of bid proposal for new bidding projects. Prepared excel file for cost estimation and there by reduced the time of calculation.
- Proposed and presented solution to the HR team to reduce the high rate of attrition in department as an internal auditor for ISO 9001. The attrition rate was reduced by 50% after the audit.
- Maintained over 75 ISO external audit files for the bidding and tendering team as per ISO standards.

Implementation Team

(Aug 2011-Sep 2011)

- Prepared and maintained progress reports and conducted site visits to monitor work of the on-going projects.
- Processed various types of bills in SAP by keeping a check on the estimated quantities and the actual quantities used on the site. Pointed out the errors in the calculation and saved few million dollars of the company.
- Managed the flow of money on site, budgeted the expenses and acted as a liaison between contractors and the finance department to expedite the payment process and made it less cumbersome.

Design Team

(Oct 2012-July 2012)

- Designed portal minor bridges and 25 standard size box culverts using STAAD-Pro and Excel for site implementation and approximate quantity calculation.
- Conducted site visits and discussed the problems faced by the residents near the project site and considered them while designing the solution.
- Compiled and re-organized over 50 design drawings files thereby reducing the files search time.
- Acted as an arbitrator and handled the intra team conflicts.

PERSONAL QUALITIES

Good Presentation and Communication Skills, Leadership, Quick Learner, Motivated, Dedicated, Good Listener, Public Speaking, Project Management, Adaptive, Organized, Problem Solving Attitude, Goal Oriented and Hard Working, Negotiation Skills.

REFERENCES:

- **Dr. Jay Stein, FAICP**
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