612 NE 46th Court  Ankeny, IA 50021

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**EDUCATION** – IOWA STATE UNIVERSITY

Bachelor of Science: Construction Engineering August 2009

Master of Science: Civil Engineering with emphasis in Construction Engr & Mgmt December 2013

* Creative Component: Integrating Sustainability and LEAN throughout the ISU ConE curriculum



**PROFESSIONAL SKILLS/CERTIFICATIONS**

* OSHA 10-Hour Safety Certified
* OSHA Fall Safety Certified
* CPR/First Aid Safety Certified
* Estimating projects from Schematic Design through 100% CDs
* Subcontract and subcontractor management
* Bidding and scope of work development
* Closeout processes
* Purchasing – bid and award of subcontracts for contracts ranging from $2,000 - $100,000,000
* ISU Recruiter for Turner (2010 – present)
* Proposal presentations and interviews for projects ranging from $5MM – $85MM
* Proficient: Microsoft Office, On-Screen Take-off, Prolog, SAP, Procore, BIM 360, LEED Online, Plans & Specs, SureTrak, PlanGrid
* Mentor for interns at Turner



**CONSTRUCTION EXPERIENCE** *(12 YEARS) – For more information, refer to attached Construction Project Management Experience sheet.*

|  |  |  |
| --- | --- | --- |
| * **Turner Construction Company**
 | Des Moines, IAAltoona, IAKansas City, MODenver, CO | May 2019 – present September 2015 – present April 2013 – August 2015July 2012 – March 2013 |
|  | Detroit, MI | March – June 2012 |
|  | Kansas City, MO | Sept 2009 – March 2012 |
| * **Ryan Companies US, Inc.**
 | San Diego, CA | May – Aug 2008 |
|  | Minneapolis, MN | May – Dec 2007 |
| * **Brockway Mechanical**
 | Des Moines, IA | Jan – May 2007 |
| * **Pepper Construction Co.**
 | Chicago, IL | May – Aug 2006 |
| * **Hill Mechanical Corp.**
 | Chicago, IL | May – Aug 2005 |



**PROFESSIONAL ORGANIZATIONS**

* Iowa State University Alumni Association Board of Directors July 2012 – June 2019
	+ Chair July 2017 – June 2018
* Turner Paid Family Leave Committee Oct 2017 – Aug 2018
* Turner National Sustainability Committee Oct 2015 – April 2017
* Turner Central Region Regional Sustainability Manager Oct 2014 – April 2017
* Turner Sustainability Manager (Kansas City) Jan 2010 – Jan 2017
* USGBC Central Plains Chapter (Kansas City)
	+ Events & Outreach Chair May 2011 – June 2012
	+ Member Sept 2009 – Sept 2013
* Built Environment Partnership (Kansas City)
	+ USGBC Central Plains Chapter representative & Education Co-Chair Jan – June 2012
* Construction Leadership Council (Kansas City)
	+ - Member Jan 2010 – June 2012



**TEACHING EXPERIENCE**

* Turner – various trainings for engineers (5-30 attendees) varies
	+ Contracts, document control, RFIs, estimating, submittals, closeout, communication, budget
* Iowa State University
	+ Lecturer – ConE 422 – Construction Cost Estimating Aug 2018 – May 2019
		- Developed and instructed a new and revamped class for the Fall 2018 & Spring 2019 semesters including new homework, handouts, lecture materials, exams, projects and surveys
		- Supervised a teaching assistant and developed grading scales for each assessment
		- Guest Lecturer – ConE 222 (Sustainability) March 28, 2016; April 7, 2014; Oct 23, 2013
			* Developed presentation, homework and handouts for students
			* Followed up with questions, and graded homework
		- Iowa State University MCA Student Chapter Monthly Meeting Guest April 4, 2016
		- ConE 594 – Developed lecture presentations and practice exams for Sustainability Class Jan 2009 – May 2009
		- Cornerstone Learning Community Co-Coordinator Aug 2008 – May 2009
			* Developed syllabus, teams, schedules
			* Coordinated with peer mentors and students
		- Cornerstone Learning Community Peer Mentor Aug 2005 – May 2008
		- Women in Science & Engineering Peer Mentor Aug 2005 – May 2006
	+ Turner School of Construction Management
		- Emerging Trends (Lean, BIM, Sustainability) April 2016
		- Current Trends (Green Building) March 2015
	+ AIA Documentation Seminar July 2014
		- Reviewed pay applications, change management and contract information
	+ USGBC Central Plains Chapter
		- LEED Green Associate & Accredited Professionals Trainer & Program Developer Jan 2010 – Dec 2011



**VOLUNTEER**

* + Ankeny First United Methodist Church
		- Board of Trustees member Jan 2017 – present
		- Greeter / Usher Nov 2016 – present
		- Wednesday night mom’s small group leader Sept 2017 – June 2018
	+ NAWIC Des Moines Chapter – Member Aug 2017 – present
	+ ACE Mentoring – Ankeny Sept 2017 – Mar 2018
	+ Cornerstone Learning Community Industry Mentor Spring 2017, Spring 2018, Fall 2018, Spring 2019
	+ Boys & Girls Club Des Moines Spring 2019
	+ ReBuilding Together Des Moines Spring 2016, Spring 2018
	+ ASC Region 4 Student Competition Judge & Coordinator (Turner) Aug 2015 – Oct 2016
	+ Church of the Resurrection (Leawood, KS) – various roles & volunteer activities Feb 2011 – Aug 2015
		- Small Group Leader July 2011 – Aug 2015
		- Greeter Jan – May 2012
		- Choir Oct 2012 – Jan 2013
		- FaithWorks March 2012
		- Malawi Meals Feb 2011
	+ Habitat for Humanity Sept 2009 – Aug 2015
	+ Iowa State University CCEE GOLD May 2014 – May 2016
		- Civil, Construction & Environmental Engineering Graduates Of the Last Decade
		- Founding Member, Secretary
	+ Extreme Community Makeover Oct 2012
	+ Skills & Career Forum for Raytown Middle School, Missouri 2010 – 2012
	+ Lee’s Summit R-7 Girls Interested in STEM Summer Camp June 2012
	+ Operation Breakthrough May 2010 – May 2011
	+ Community of the Good Shepherd Sept – Oct 2011
	+ YouthFriends Mentor Sept 2010 – May 2011



**Honors & Awards**

* + Turner Construction Company Kansas City Business Unit Staff Award 2015
	+ Women Impacting Iowa State University Calendar 2009



**CONSTRUCTION PROJECT MANAGEMENT EXPERIENCE** *(9 YEARS)*

**TURNER CONSTRUCTION COMPANY** Des Moines, IA May 2019 – present

* **Preconstruction**
* Establish and maintain client, design team and trade partner relationships
* Develop construction cost estimating estimates
* Analyze and compile bid documents and information



**TURNER CONSTRUCTION COMPANY** ALTOONA, IA Sept 2015 – present

* **Lead Project Engineer** **Altoona Data Centers Buildings 5&6** April 2017 – present
* $550M, 990,000 SF, 29 month total schedule, 69 MW
* 8 data halls, 8 electrical rooms, mechanical penthouse, administration building
* Lead engineer over Civil, Structural, Architectural and Landscaping Trade Partners
	+ Oversee 6-8 direct reports
	+ Indirectly oversee work of an addition 5 other engineers
* Responsible for and oversight of project budget, document control, engineering processes, LEED documentation
* Accountable and lead for all closeout documentation
* LEED Gold Certification
* **OFCI Engineer** **Altoona Data Centers Bldg 4** Oct 2017 – April 2017
* $38M, 105,000 SF, 13 month schedule,
* 1 data hall, 1 electrical room,
* Purchasing, engineering and cost for $20M of owner furnished contractor installed equipment
* LEED Gold Certification
* **OFCI Engineer** **Altoona Data Centers Bldg 3** Sept 2015 – April 2017
* $240M, 493,000 SF, 19 month schedule, 30 MW
* 4 data halls, 4 electrical rooms, chiller plant, mechanical penthouse, administration space
* Purchasing, engineering, commissioning and cost for $90M of owner furnished contractor installed equipment
* LEED Gold Certification



**TURNER CONSTRUCTION COMPANY** KANSAS CITY, MO Sept 2015 – present

* **Cost & Project Setup Engineer** Aug 2014 – Aug 2016
* Assessed risks on projects and make recommendations
* Accumulate, audit and correlate information from all possible sources to produce cost reports
* Assist teams in preparing GC/GR studies, staff and labor projections
* Forecasting projections for project
* Liaison between field and accounting staff
* **Project Engineer Olathe Technology Support Center & Food Production Center**

March 2013 – July 2014

* 23,300 SF new Technology Support Center and renovations in the existing Food Production Center
* Developed cost estimates, bid package scopes, oversaw budget for school district and managed change management
* Completed project from preconstruction through closeout
* Worked with Olathe Unified School District 233 for coordination and operation in an existing and used facility
* **SPD Engineer** **Altoona Data Center Bldg 1** March 2013 – Sept 2013
* $20M
* 4 data halls, 4 electrical rooms, chiller plant, mechanical penthouse, administration space
* Purchasing, engineering, budget management for general trades and carpentry scopes of work
* LEED Gold Certification

**TURNER CONSTRUCTION COMPANY** DENVER, CO July 2012 – March 2013

# Purchasing Agent Denver Veterans Affairs Medical Center Aurora, CO

* Replacement Medical Center Facility consisting of 8 new buildings, 3 parking structures, 1 building renovation
* 940,000 BGSF new buildings and 120,000 BGSF of renovations
* LEED Silver Certification
* Firm-Fixed Price process, Federal Acquisitions Regulations



**TURNER CONSTRUCTION COMPANY** DETROIT, MI March – June 2012

* **Purchasing Agent** **SAP Conversion** Kansas City, MO
* New computer system for complete system integration
* Converting 20 projects in to SAP – contracts, change orders, project information



**TURNER CONSTRUCTION COMPANY** KANSAS CITY, MO Sept 2009 – March 2012

* **Project Engineer/Superintendent St. Luke’s Hospital – Mother Milk Bank** Jan – Mar 2012
* Tenant renovation of 3,500 SF mother’s milk bank
* Complete with walk-in cooler, clean room, demolition and new finishes, rework of MEP systems
* New space included offices, two consulting rooms, receiving/shipping area and processing room

# Project Engineer/Superintendent The University of Kansas Medical Center Jan – Mar 2012

**Applegate Energy Center – Boiler Renovation**

* Renovation of existing Boiler 3 economizer and installation of new structural steel and economizer on Boiler 1
* Davis Bacon Act requirements
* Government and State funded
* **Asst. Project Engineer** **KeyBank Real Estate Office Fitout** Jan – Mar 2011
* Fast-tracked preconstruction and construction services for 66,000 SF interior renovation
* Included high-end finishes, high-tech A/V conference rooms, open floor plan, extensive security
* Management of relationships with owner, owner’s representative (JLL), property manager (Sprint & CBRE)
* **LEED Engineer** **Johnson County Public Works – Precon** March 2010 – Feb 2011
* Year-long competitive preconstruction process for new Public Works Facility
* LEED analysis and scorecard input
* Constructability reviews and subcontractor correspondence
* Cost estimates at Constructability Review, DD, 50% CDs and 100% CDs
* **Asst. Project Engineer** **Derrick Thomas Academy – Sitework Improve.** June – Sept 2010
* Site improvements at Derrick Thomas Academy, an Edison charter school in KCMO
* New basketball court, playground, concessions, restrooms and scoreboard for the football field
* **Asst. Project Engr /Superintendent** **2345 Grand Blvd – 10th Floor Fit Out** Jan – Feb 2010
* Tenant fitout of Turner’s Kansas City office
* Three new office spaces, remodeling the IT office and addition of IT closet
* Removal and relocation of light fixtures and mechanical systems
* New phone and data connections, sidelights and interior finishes



**RYAN COMPANIES US, INC.** SAN DIEGO, CA May – August 2008

* **Project Manager Intern** **The Towers at Bressi Ranch**
* 12 – Class “A” Condominium buildings varying from 4,400 – 19,000 SF
* Core & Shell Project – LEED Silver certification
* **Project Manager Intern Jutland Drive**
* Performed detailed take-off of concrete, exterior systems, drywall, ACT, carpet and resilient flooring
* Analyzed roof drawings – verify meet city codes
* Executed different value engineering options – footing analysis
* **Project Manager Intern Riverview at Santee**
* Calculated conceptual estimates for 4 different Tenant Improvements



**RYAN COMPANIES US, INC.** MINNEAPOLIS May – Dec 2007

# Project Manager Intern W Minneapolis - The Foshay

* 32-Story (164,000 SF) Office Building renovation into a 230 key W Hotel
* Design Build project
* High-end finishes including materials from Italy and Europe
* No two rooms exactly the same



**BROCKWAY MECHANICAL** BURLINGTON, IA Jan – May 2007

# MEP Design Intern FunCity Casino

* Designed domestic water systems and gas piping
* Reviewed and adjust mechanical schedules



**PEPPER CONSTRUCTION CO.** CHICAGO, IL May – August 2006

# Project Manager Intern Harris Banks

* Developed conceptual and final budgets for 10 different Harris Bank projects



**HILL MECHANICAL CORP.** CHICAGO, IL May – August 2005

# Project Manager Intern Northwestern University Steam & Condensate Replacement

* New steam and condensate pipe for Northwestern University along Lake Shore Drive
* Earthwork, core drilling, new pipe installation, insulation system with thermal heat