RALEIGH GROESBECK, M.S., E.I.T.

Intellectually-curious, data-driven decision-maker with over 5 years of project management, programming, and AutoCAD drafting.

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Engineering
- Engineering Acumen
- Technically Competent
- Detail-Oriented
- Asset Management

Personal
- Collaborative
- Energetic
- Communicative
- Ambitious

Strategy
- Intuitive
- Resourceful
- Problem-Solver
- Tactical

Intellect
- Innovative
- Conceptual
- Forward-Thinking
- Data-Driven

Work Experience

Cost Estimator — Jan 2020 – Present
AECOM
- Prepare estimates and takeoffs for various nationwide construction projects (Bluebeam, Google Earth, Excel VBA)
- Develop project directory web application with basic CRUD operations that stores historical project cost data and metrics, models new projects, and provides a clean UI to view metrics and charts (PHP, AJAX, SQL)
- Assist in developing a cost management culture within the office

Project Manager/Estimator — Jan 2019 – Jan 2020
Facility Systems, Inc.
- Perform takeoffs and prepare bid packages for commercial projects (Bluebeam)
- Pioneered organizational control procedures within company Sharepoint, establishing file folder structure and sourcing missing documentation
- Market to general contractors, solicit bid invitations, and pursue current bids for activity and competition spread in order to evaluate bid performance and generate business
- Automated several project-related tasks (web-scraping vendor websites for key data, create UserForms/modules/macros for more streamlined business flow) (Excel VBA)
- Developed bidding database with UI forms / reports and SQL queries (Access VBA)

Project Manager — Nov 2017 – Dec 2018
Weber, Inc.
- Drove multiple projects (up to $2M) towards project success, managing cross-functional project teams, creating timelines and milestone charts, and leveraging stakeholder expectations to deliver custom slicing solutions to food processors (Salesforce, Sage)
- Create floor plans for food processing equipment lines and optimize layouts (AutoCAD)
- Develop user-friendly Excel dashboards, production logs, and pricing sheets (Excel VBA)

Plant Engineer — May 2016 – Nov 2017
Kansas City Board of Public Utilities
- Champion capital improvement projects from cradle-to-grave by establishing project metrics and achieving beneficial results in an RMP facility
- Develop and update P&ID's, electrical/PLC schematics, site plans and building floor plans as well as standardize CAD libraries (AutoCAD)
- Generate KPIs, graphs, and charts via historian database and run queries in order to identify areas of improvement (power consumption, resource utilization) as well as forecast future water production rates and chemical dosage (SQL, Minitab)
- Harmonize HVAC assets into CMMS software and BAS system (Maximo)
- Develop modules and user forms to automate operator daily logs (Excel VBA)

Education

B.S. Civil Engineering
2008
Kansas State University

M.S. Engineering Management
2018
University of Kansas

Skills

Microsoft Office • VBA
HTML5 • CSS3 • Javascript/Jquery
Bootstrap • Sass • AJAX
(LAMP) Linux • Apache • PHP • SQL
Bluebeam • Salesforce • AutoCAD 2D

Awards

EIT #17947
OSHA 30
Eagle Scout

Memberships

American Red Cross (Blood Donor)