

Craig S. Scott, E.I.T.

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PROFESSIONAL SUMMARY

Talented Structural Engineer that is making a career change to coding. Currently attending the Savvy Coders Web Development Boot Camp to learn JavaScript, HTML, CSS, Trello, Node.js, Express, and MongoDB. Strengths include analytical thinking and problem solving. He embraces learning new software and technology, so the coding path is natural for him. He has excellent communication skills, both verbal and written.

CONTINUING EDUCATION

Savvy Coders Web Development Boot Camp – 2020

Agile Certification – 2020

SKILLS SUMMARY

JavaScript, HTML, CSS, Trello, Node.js, Express, and MongoDB, Windows, Mac, REVIT, AutoCAD, STAAD Pro, RISA 3D, Enercalc, RAM Connection, SAP2000, RISA Foundation, Bluebeam Revu

CAPSTONE PROJECT:

Created a meal planning application that can generate a random entrée or generate filtered entrees based on use specifications for days of the week and user requests.

PROFESSIONAL EXPERIENCE

January 2020 – Current

Vestal Corporation, Structural Engineer

- Providing structural calculations and construction documents for complex structures by:
 - Using CAD software to build 3D models and create construction documents.
 - Designing steel structures using spreadsheets and Finite Element Analysis software.
- Conducting on-site laser scanning and structural assessments of large facilities.
- Writing detailed structural analysis reports for clients.

November 2017 – January 2020

CRB, Structural Engineer

- Provided structural calculations and construction documents for complex structures by:
 - Hand calculating live load deflections, stress, and maximum moments.
 - Using and creating sophisticated spreadsheets for problem solving.
 - Using BIM software to build 3D models and create construction documents.
 - Designing concrete and steel structures using Finite Element Analysis software.

- Reviewed shop drawing submittals for precise and proper building construction.

November 2016 – October 2017

Oates Associates, Junior Structural Engineer

- Provided plans and calculations for 20+ fall protection projects by:
 - Utilizing AutoCAD to design professional plan sets.
 - Calculating loads and reactions of structures via Enercalc, RISA3D, Excel, RAM Connection, and Hilti PROFIS.
 - Reading and understanding all OSHA Laws and Regulations that apply.
- Reviewed shop drawings and submittals from fabricators and contractors to ensure accuracy.

EDUCATION

August 2013 – May 2016

Washington University, Saint Louis, Missouri

Graduated with Bachelor's Degree in Civil Engineering, 3.5 GPA

- Design of Steel Structures
- Advanced Design of Concrete Structures
- Structural Design Project