

# Jonah Stephens

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## EDUCATION

### Wentworth Institute of Technology, Boston, MA

Bachelor of Science in **Civil Engineering**

Expected: August 2024

**Minor(s):** Environmental Engineering and Business Analytics

**GPA: 3.80/4.00**

#### Clubs & Activities:

Member – American Society for Civil Engineers (ASCE), Member – Wentworth Environmental Collaborative (WECO)

Civil Engineering Honor Society – Dean’s list: -Spring 2021-Fall 2021-Spring 2022-Fall 2022-Summer 2023

**Designations:** Associate in Insurance (AINS), Associate in Reinsurance (ARE) in progress

**Goals:** Aiming to use my experience in macro-infrastructure (buildings, construction and environmental) to provide value in the re/insurance space; (casualty, property, excess casualty)

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## RELEVANT COURSES

Fluid Mechanics	CAD in Civil Engineering	Probability and Statistics for Engineers
Fundamentals of CAD and CAM	Differential Equations	Programming with MATLAB
Engineering Calculus I & II	Civil Engineering Materials	Statics and Mechanics Materials I & II
Engineering Physics I & II	Engineering Economy	Soil Mechanics
	Structural Analysis	Multivariable Calculus
	Environmental Engineering	Earth Retaining Structures

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## SKILLS

**Estimating:** Calculated approximate bid prices, utilized various analytical methods

**Modelling:** Experience making sitemaps with Civil 3D and modelling with AutoCAD and SolidWorks

**Competencies:** Mathematical literacy, technical writing, aggregate analysis, basic structural analysis

**Software & Computational Skills:** Microsoft Office (Word, Excel, PowerPoint), Civil 3D, SolidWorks, SketchUp, AutoCAD

**Certifications:** OSHA 10

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## RELEVANT EXPERIENCE

AECOM | Boston, MA

### Civil Engineer Co-Op

Jan 2023 – May 2023 / September 2023 – December 2023

- Coordinated, planned and submitted 4 design-build projects whilst collaborating with Engineers
- Submitted dig-safe tickets with various contractors and coordinated deadlines with various utilities
- Used MicroStation and Civil 3D to complete initial design plans as well as 30%, 60% and 90% submittals

Welch Corporation | Brighton, MA

### Estimating Engineer Co-Op

May 2022 – August 2022

- Shadowed a certified AG-TEK engineer and helped complete over 10 take-offs for various jobs
- Sent pricing requests to various vendors while processing material submittals on different projects
- Updated soil disposal logs and calculated total pricing for various jobs, weekly

C B Utility Co | Bristol, RI

### Civil Engineering Internship

May 2021 – August 2021

- Visited current underground water distribution construction projects around Providence; took data and observations from site
- Analyzed several water distribution pipe-line maps for different streets; reported data and findings to civil engineers
- Lead the on-site measurement of set asphalt for over 50 streets and compiled data into spreadsheets for pricing references

Cooper Gardner | Hamilton, Bermuda

### Architectural/Engineering Internship

March 2018 - April 2018

- Attended and organized formal design-space meetings with engineering and architecture professionals
- Visited ongoing architecture projects around Bermuda and analyzed the practical design and construction process
- Worked with professional architects to model an indoor, multi-leveled greenery, including site maps and 3D renderings

