



# GABRIEL KAFKA-GIBBONS, EIT

Structural Engineer in Training

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<b>EDUCATION</b>	<b>Worcester Polytechnic Institute</b> BSc Civil Engineering, Structural Focus 2018 - 2022 <b>New York University</b> MSc Civil Engineering, Structural Focus 2024 - 2025
<b>CAREER</b>	<b>Dan Bonardi Consulting Engineers</b> Structural Engineer in Training 2022-2024 I worked under Dan Bondardi as a Junior Structural Designer - Structural modeling - Gravity/Lateral Design of Residential Wood Structures - Gravity Design on Steel Structures  <b>Kibler AE</b> Structural Design Consultant 2024 I took on Timber and Steel structural projects as an external structural consultant and produced the required deliverables, including CAD. - Wood Design, Gravity/Lateral - Steel design, Gravity/Lateral  <b>Simpson Gumpertz &amp; Heger</b> Building Technologies Intern 2021 - Designed and modeled elements in Bluebeam, Revit, AutoCAD, and Rhino7. - Oversaw foundation quality control for waterproofing.  <b>SMMA</b> Sustainable Design Intern 2019 SMMA is an integrated multidisciplinary A&E firm outside of Boston. - Model energy consumption of large scale projects with Revit, Tally, and eQuest - Analyze and submit projects for LEED accreditation - Produce sustainable design plans for the intern group project redesigning a K-8 school
<b>SOFTWARE</b>	<b>CAD/BIM</b>   AutoCAD: <b>3</b>   Revit: <b>3</b>   Lisp: <b>1</b>   Rhino7: <b>2</b>   LISP ACAD: <b>2</b>   <b>STRUCTURAL</b>   RISA 3d: <b>3</b>   RISA Floor: <b>3</b>   SP Slab: <b>3</b>   SP Slab: <b>3</b>   SP Column: <b>3</b>     RAM: <b>3</b>   ETABS: <b>3</b>   <b>GENERAL</b>   Excel: <b>3</b>   Bluebeam: <b>3</b>   Python: <b>2</b>    1-3 Ability-Level Metric: 1 = acceptable, 2 = strong, 3 = very strong
<b>ORGANIZATIONS</b>	<b>Engineers Without Borders University Chair</b> Tanzania Project Structural Lead 2023-Present <b>Cambridge Camping STEM Instructor</b> Instructor, Curriculum Creator 2023, Cambridge, MA <b>ASCE</b> Member, 2024-Present <b>Ski Club President</b> President, Treasurer 2020-22, Worcester Polytechnic Institute, MA <b>Varsity Rower</b> 1st Boat Oarsman 2018-2021, Worcester Polytechnic Institute, MA

REFERENCE UPON REQUEST