

EYASU BEKELE

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EDUCATION

Bachelor of Engineering - Architectural Conservation and Sustainability, Structural stream

Minor - Business **CGPA (9.1/12)** Carleton University, Ottawa, ON (2013-Present)

- Recipient of: Entrance Scholarship

RELEVANT SKILLS/EXPERIENCE AND ACCOMPLISHMENTS

Technical Engineering and Business Skills

- High level of AutoCAD, IntelliCAD, PTC Creo, and Revit proficiency and the ability to participate in the production of full set of architectural designs
- Strong knowledge of energy modeling of buildings using eQUEST, Hot 2000, and THERM obtained through applied projects
- Strong knowledge of SAP2000 used for structural analysis and design
- Ability to use steel, concrete, and wood design handbooks for structural applications
- Familiar with Total Station, and 3D Laser Scanner used for heritage site recording and assessment
- Strong knowledge of website coding using HTML, CSS, and Java Script obtained through developing a personal website
- Familiar with Matlab, Sketch-up, and Minitab gained through academic labs
- Strong knowledge of marketing, cost analysis, financial accounting, and organizational behaviour obtained through courses taken
- Strong knowledge of Microsoft Office, Excel, Word, Power Point
- Well trained and certified in Workplace Health and Safety Hazard (WHS)

Leadership and Communication Skills

- Led a Reverse Engineering project by providing project schedule and assigning tasks to members with deadlines to complete project ahead of time
- Successfully completed CCDP course (Communication skills for engineering students) which reinforces ability to write technical reports

APPLIED PROJECTS

Reverse Engineering Project

Carleton University (Sep 2014 – Dec 2014)

- Initiated and designed a holder using Creo for earphone cord to improve usability
- Wrote a detailed report on the designing process, and using PowerPoint presented the outcome of the project

Site Development

Carleton University (Sep 2016 – Dec 2016)

- Used AutoCAD to produce a full-scale design of the site
- Conducted numbers of research to minimize the total expense of the proposed building

- Worked attentively with teammates to produce professional proposal that meets the city's requirement

Heritage Site Recording and Assessment Carleton University (Sep 2017 – Dec 2017)

- Used GIS to find the exact location of the site
- Worked with Total Station to survey the site and AutoCAD to design the site plan
- Used 3D Lesser Scanner and rectifying photography to do an elevation plan of the site

Developing a Net Zero Building Carleton University (Sep 2018 - Present)

- As for a 4th year final project, I am working in a group of six members to develop a net zero building in Ottawa
- The project involves the following tasks: full-scaled architectural designing, structural analysis and design, energy modeling, and cost analysis
- Different software such as: AutoCAD, Revit, Sketch-UP, SAP2000, eQuest, THERM, Climate consultant, COMFEN, and Microsoft office are being in use

WORK EXPERIENCE

Tutor Mentor TutorBright (Nov 2016 - Jan 2018)

- Helped students establish goals and timelines that break their assignments and projects down into smaller parts
- Helped students determine what information they will need to study for quizzes or tests and practice answering anticipated questions with them
- Provided timely and constructive feedback to each student

Remote CAD Drafter Glimpse ArchViz & BIM Studio (Jun 2018 – Aug 2018)

- Worked with modifying existing CAD drawings, and material cost analysis
- Designed a 2D floor plan for varies residential and office buildings
- Integrated preliminary sketch up drawings with Revit

VOLUNTEER EXPERIENCE

Executive Workshop Coordinator Carleton University (Mar 2015 - Mar 2016)

- Facilitated workshop sessions to promote innovation ideas which encouraged attendants to participate and learn more
- Conducted office administration, sold course packs and prepared documents which increased the work flow rate
- Planned and Organized events which strengthened individual's interest on working in teams

Fall Orientation Facilitator Carleton University (Aug 2016 - Sep 2016)

- Facilitated brainstorming sessions to create innovative ideas which increased attendance at social events and allowed the program to engage more students