

EYASU BEKELE

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EDUCATION

Bachelor of Engineering - Architectural Conservation and Sustainability.

2014-Present

Structural stream, Minor - Business

Carleton University, Ottawa, ON

- CGPA (3.3/4), 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
- Ability to use steel, concrete, and wood design handbooks for structural applications and perform design calculations
- Capable of using eQUEST, Hot 2000, and THERM energy modeling software obtained through applied projects
- Familiar with SAP2000, structural analysis and design software, gained through applied projects
- Strong knowledge of Total Station, and 3D Laser Scanner used for heritage site recording and surveying purposes
- Applied knowledge of website coding using HTML, CSS, and Java Script obtained through developing a personal website
- Academic background of marketing, cost analysis, financial accounting, and organizational behaviour obtained through courses taken
- Advanced knowledge in 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 reinforced ability to write technical reports

APPLIED PROJECTS

Reverse Engineering Project

Sep 2014 – Dec 2014

Carleton University, Ottawa, ON

- 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

Heritage Site Recording and Assessment

Sep 2017 – Dec 2017

Carleton University, Ottawa, ON

- Used ESRI ArcGIS software to locate the geographical location of York Courtyard
- Worked with Total Station to map the parameter of site and used a tablet that is loaded with Theolt and AutoCAD to design the site plan

- Used 3D Lesser Scanner and rectifying photography to do an elevation plan of the site

Site Development

Sep 2016 – Dec 2016

Carleton University, Ottawa, ON

- 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

Developing a Net Zero Building

Sep 2018 - Present

Carleton University, Ottawa, ON

- Working in a group of six members to develop a net zero mid-rise office 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

Remote CAD Drafter

Jun 2018 – Aug 2018

Glimpse ArchViz & BIM Studio

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

Tutor Mentor

Nov 2016 - Jan 2018

TutorBright, Ottawa, ON

- Helped students establish goals and timelines that break their assignments and projects down into smaller parts
- Assisted 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

VOLUNTEER EXPERIENCE

Executive Workshop Coordinator

Mar 2015 - Mar 2016

Carleton University, Ottawa, ON

- 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

Aug 2016 - Sep 2016

Carleton University, Ottawa, ON

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