

Vincent Coates

📍 Lot 146 Claremont Heights, Old Harbour, Jamaica ✉️ vincent_coates33@outlook.com
☎️ +1 (876) 599-5432 🏠 Jamaican 📅 02 Nov 1994 💼 linkedin.com/in/vincentescoates/

PROFESSIONAL SUMMARY

A creative, enthusiastic and result-driven professional, who is eager to contribute to team success by hard work, paying attention to details and providing excellent organizational skills. Also display a clear understanding of construction materials, sustainable designs and structural analysis, and is motivated to learn, grow and excel in the construction industry.

SKILLS

2D and 3D modeling

AutoDesk AutoCAD

AutoCAD Civil 3D

Construction Management

Cost Estimates

Drafting

Microsoft Office Suite

Land Surveying

Project Management

Revit

Structural Analysis

Sustainable Building Design

PROFESSIONAL EXPERIENCE

Jun 2019 – Aug 2019	Water Resources Authority, Internship Student <ul style="list-style-type: none">Analyzing the flow of a trapezoidal weir.Analyzing the stream flow and groundwater for 3 counties in Jamaica and aided in the creation of monthly graphical (bulletin) data for 2018 to August, 2019 period.Learned and assisted in the maintenance of Roaring River (Petersfield) station	Kingston, Jamaica
Jun 2018 – Aug 2018	Ministry Of Economic Growth And Job Creation, Technical Service Unit, Summer Intern <ul style="list-style-type: none">Assisted as project manager for a construction project.Assisted in 3D modeling and designing using Revit.Aided in rehabilitation road work project.Developed a sustainable design proposal for Brownfield development.	Kingston, Jamaica
Jun 2017 – Jul 2017	National Irrigation Commission Limited, Operation Center, Summer Intern <ul style="list-style-type: none">Aided department in the development of cost estimates on water canal projects.Prepared engineering drawings.Learned to differentiate the characteristics and roles of geo-textile and geo-membrane.	

May 2016 – Jul 2016	Rural Water Supply Limited, Summer Intern <ul style="list-style-type: none"> • Learned about the advantages and disadvantages of using ferro-crete projects. • Aided other departments in the development of cost estimates on ferro-crete water tank projects. • Prepared standard engineering computations and designs. • Computed load and grade requirements and material stress factors to determine design specifications. • Determined strength, properties and uses of construction materials using stress analysis and analytical mechanics. 	Kingston, Jamaica
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EDUCATION

pending	University of Technology, <i>Bachelor of Engineering in Civil Engineering</i>	Kingston, Jamaica
2017	University of Technology, Diploma in Structural Engineering <ul style="list-style-type: none"> • Technical coursework entails: Computer Aided Design and Drafting Construction Material Testing Laboratory Construction Technologies Construction Project Monitoring Estimation & Measurements of Construction Works Material Science Site Surveying Soil Mechanics Structural Analysis and Design 	Kingston, Jamaica

INTERESTS

- Design of Concrete Structures
- Resource Recovery
- Sustainable Building Design
- Managed Aquifer Recharge
- Renewable Energies

AFFILIATIONS

2012 – 2016	Association of Construction and Engineering Students' UTech Club, Member
2016 – 2017	Association of Construction and Engineering Students' UTech Club, President
2019 – present	America Society of Civil Engineers, Student Member
2019 – present	Institution of Structural Engineers, Student Member
2019 – 2020	Jamaica Institution of Engineers' Utech Students Chapter, Member
2019 – 2020	Institution of Structural Engineers' UTech Students Chapter, Member
2020 – 2021	Institution of Structural Engineers' UTech Students Chapter, Secretary