

AUGUSTINE TINASHE ZVINAVASHE

305 Memorial Drive, Cambridge MA 02139

(617)-460-7382 • zvinaatz@mit.edu

EDUCATION

Massachusetts Institute of Technology • Pursuing a PhD. In advanced Biopolymers,
Massachusetts Institute of Technology Class of 2016 • Bachelor of Science in Civil & Environmental Engineering and Management Science (Finance),

Relevant Coursework: Linear Algebra (A) • Probability and Statistics (A) • Mechanics of Structures and Soil (A) • Macro-Economics (A) • Solid Mechanics (A)

RESEARCH EXPERIENCE

MIT Advanced Biopolymers Laboratory (Fall 2015- Spring 2016)

Researcher

- Worked on developing a protocol to understand the bio-mineralization of whale baleen keratin.

MIT Sloan School of Management (Fall 2014-Summer 2015)

Data Science Researcher

- Synthesizing work done on industry evolution since 1994 and to extend that with data on repeated cycles as well as co-evolving changes at different levels; the industry, a firm, products, and product performance and cost dynamics.

MIT Centre for Material Science and Engineering (Fall 2014)

Data Science Researcher

- Worked on building a simulation model to study spider silk and graphene sheets

MIT Parson laboratory (Summer 2014 and Fall 2014)

Data Science Researcher

- Worked on remote data-logging using GSM network onto FTP server
- Built a data-logger to be used in the future by power utility companies in Lesotho

Harvard/ MIT Medical laboratory (Fall 2012)

Data Science Researcher

- Learned how to proliferate, feed, stain and store cells in culture
- Data quantification and used imageJ for cancer cell analysis

LEADERSHIP AND ACTIVITIES

MIT Undergraduate Giving Campaign Committee Member

- We raise funds from undergraduates to fund community service projects by fellow students

M.I.T Expedient Access to Standard Education Club Treasurer

- Raise funds to support high-school education in African countries (Ghana, Nigeria, Tanzania, Zimbabwe)
- Organize fund raising events and complete all financial transactions for day to day running of the club

Gordon-MIT Engineering Leadership Program (GEL):

- Taking part in a year long professional leadership development program that prepares MIT juniors/seniors for success in the work place

MIT Energy Club Finance Director

- Helped with the planning of the annual MIT Energy week and prepare the years financials for Sloan school & Undergraduates

MIT Senior Gift Committee Member

- Our purpose is to raise funds and implement a specific project the senior class wants to partake in

SKILLS

- Software: Java, JavaScript, R, MATLAB, Arduino, Gurobi and Python
- Statistics and Data Analysis
- Languages: English and Shona

ACTIVITIES

- Intramural Soccer •Basketball •Running

AWARDS

- Awarded Bronze medal at International Junior Science Olympiad