

Tommy Anderson

233 Massachusetts Avenue
Cambridge, MA 02139

(978) 551-6266
tommy_a@mit.edu

ACADEMICS:

Massachusetts Institute of Technology

SB Degree in Computer Science and Engineering (expected 2013)

Cambridge, MA

Sep 2009 – Present

- **Relevant Coursework:** Elements of Software Construction, Artificial Intelligence, Computation Structures, Computer System Engineering, Algorithm Design, Differential Equations, and Linear Algebra

EXPERIENCE:

Barclays

Fixed Income Technology Summer Analyst

New York, NY

May 2012 – Aug 2012

- Developed a web application for the asynchronous execution of internal reporting mechanisms for the Trade Capture Workflow group using J2EE/JSP and AJAX
- Implemented a MSBuild based script for the batch-deployment of environment specific builds for an internal trading application, in addition to carrying out environment specific GUI changes for the same application

MIT Interfraternity Council (IFC)

President

Cambridge, MA

Nov 2011 – present

- Primary representative of an organization consisting of 27 fraternities (total members exceeding 50% of the undergraduate male population), to the MIT administration, faculty, alumni, and the communities of Boston, Cambridge, and Brookline

Match Charter Public High School

Summer Academy Tutor

Boston, MA

Jul 2010

- Tutored 9th-11th graders in math and science classes not passed during the school year, during a one month program

MIT Media Lab Camera Culture Group

Undergraduate Researcher

Cambridge, MA

May 2010 – Aug 2010

- Designed and carried out experimental scenarios, programmed supplementary devices, and built circuitry to assist the research group on a project related to transient light imaging and ultrasound technology

SKILLS:

Operating Systems: Linux (Ubuntu), Microsoft Windows XP/Vista/7

Tools: Eclipse, Matlab, Maven, Perforce, MSBuild

Languages: Java, Python, C++, JavaScript, CSS, HTML

Foreign Languages: French (basic communication)

Leadership: IFC Judicial Committee Secretary, Zeta Psi Rho Alpha Chapter Secretary and Recruitment Chair

Communication & Instruction: Have taught a circuits and electronics class for MIT's Education Studies Program (ESP)

AWARDS & HONORS:

- Honors in the National Chemistry Olympiad (Top 100 in Nation)
- Walter G. Jeffko Jr Mathematics Award
- NORWOC Math League 3rd Place Individual
- Elizabeth Haskins Mathematics Contest Award

ACTIVITIES:

- Tenor saxophonist in the MIT Wind Ensemble and alto saxophonist in an MIT jazz combo