

EDUCATION

Massachusetts Institute of Technology

Class of 2013

Candidate for B.S. In Aeronautical Engineering

Courses: Fluid Dynamics, Thermodynamics, Signals and Systems, Materials and Structures, Differential Equations, Linear Algebra, Probability and Statistics, Java, Python, Web Design

Harvard University

Summer 2008

Courses: American Government, Literature

Governor John R. Rogers High School

Class of 2009

4.0 GPA SAT: 800M, 800W, 760 CR

EXPERIENCE

Web design at Quest Scholars Network (QSN)

January 2011-Present

Hired to implement original web application idea.

Neuroscience Research Assistant at Graybiel Lab, MIT

January-August 2010

Habituated and ran experiments with mice, built headstages and electrodes to measure electrical activity in the brain, and analyzed the data collected during experiments studying the function of the striatum.

Neuroscience Research Assistant at Swanson Lab, MIT

Summer 2009

Collected and analyzed patient data from MRI scans to predict growth of glioblastomas, identify markers of tumor progression, and analyze patient response to therapy.

Mathematics Tutor

November 2007-August 2009

Reviewed mathematical concepts in Algebra, Calculus and the SAT in preparation for exams.

Legal Assistant

Summer 2006

Organized all aspects of general practice for Kevin J. Yanasak, J.D.: coordinating documents, creating templates, preparing quarterly taxes, and engaging in confidential interaction with clients.

HONORS, ACHIEVEMENTS

Academics: National Merit Scholarship Recipient, Recognition by American Association of University Women (Mathematics), Presidential Academic Achievement Award 2003/2006/2009

Music: Tacoma Philharmonic Young Artist Competition Finalist (Flute), Puyallup Valley Concerto Contest Winner (Flute), State Solo & Ensemble Top Ten (Flute), Seattle Horsfall Flute Competition Finalist, Puyallup Jr. Idol Winner 2005 (Voice)

LEADERSHIP/ACTIVITIES

MIT: Cultural Chair of AAA (Association of Asian Americans), MIT Design Build Fly team, SWE (Society of Women) Engineers, Dance Troupe, KSA (Korean Students Association), Dorm IM Volleyball Captain, Flying Club, Quest Scholars Liaison for MIT chapter and Lead Liaison for QSN's 30 partner colleges, Copy Editor for MURJ (MIT Undergraduate Research Journal)

Before 2009: Daffodil Princess (Pierce county beauty pageant for Daffodil Festival), 3-yr letter recipient in community service, Evangelistic Mission to Blackfeet Reservation (July 2006)