

Alexander Lee Golin

74 Bromfield Road, Apartment 1, Somerville, MA 02144

646-872-8987 | AGolin95@gmail.com | github.com/agolin95

Education Tufts University, Medford, MA

Dual Bachelor of Science in Human Factors Engineering & Computer Science, May 2017

GPA: 3.81

Dean's List 6 out of 6 semesters

Howard Sample Prize Scholarship in Physics, Spring 2015

Tau Beta Pi, The Engineering Honor Society, Fall 2015–Present

Hunter College High School, New York, NY, 2013

GPA: 3.85

Courses

Senior Capstone, Human-Machine System Design, Industrial/Organizational Psychology, Programming Languages, Advanced Statistics, Web Programming, Human Computer Interaction, Human Factors in Product Design, Computation Theory, Advanced Engineering Psychology, Machine Structure and Assembly Language Programming, Data Structures, Discrete Mathematics, Engineering Psychology, Intro. to Human Factors & Ergonomics, Experimental Psychology, Statistics for Behavioral Sciences, Technical & Managerial Communications, Statics and Dynamics, Intro. to Electrical Systems, Differential Equations, Calculus I-III, Music & the Art of Engineering, Psychology of Music

Experience Tufts Technology Services Educational and Academic Technology Division, Medford, MA

Academic Technology Fellow, June 2015–Present

- Enhance the academic technological capabilities of Tufts University for both the undergraduate and medical school programs
- Develop in Ruby on Rails, Ruby, HTML, CSS, JavaScript, jQuery, and R
- Conduct user and product research and report to superiors on findings

Pegasystems, Cambridge, MA

Software Engineering Intern, Data Visualization UX Team, June 2016–August 2016

- Work as a developer on a scrum team in an Agile workplace to develop new features for Pegasystems' platform, Pega 7
- Spearhead project to extend metrics dashboard to all individual development teams in the company.
- Practice test driven development in Java using JUnit, and side project development in Ruby, CoffeeScript, HTML/CSS

Tufts Technology Services Student Information System (SIS) Project, Medford, MA

User Experience Research Assistant, June 2015–August 2015

- Conduct UX testing sessions with students from the undergraduate and graduate schools
- Present results to project development team
- Synthesize results into video report

Tufts Human Factors & Ergonomics Society, Medford, MA

Webmaster, April 2016–Present

- Plan and oversee redesign of group's website
- Organize and publicize social gatherings

91.5 WMFO, Tufts Freeform Radio, Medford, MA

Music Director and Radio DJ, October 2013–Present

- Organize and process all music that passes through WMFO music department
- Streamline and digitize the intake process for all promotional music received by WMFO
- Train DJs and volunteers to use radio equipment and help catalogue new music
- Plan and host a weekly radio show, interviews, and concerts

Midnight Concert Booking, Medford, MA

Director, May 2015–Present

- Book large and small musical acts and host concerts on campus
 - Manage group finances and interface with the school treasury union
 - Operate and set up AV equipment
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Computer Skills

Design & UX: Sketch, Adobe Photoshop & Lightroom (CC), Marvel

Languages: C, C++, Java, JavaScript, JQuery, HTML & CSS, Ruby, VBA, R, CoffeeScript, Jade