Arthur Berman

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Education:

Tufts University, Medford, MA Class of 2016 – GPA: 3.63; Dean's List
Bachelor of Science in Computer Science, expected May 2016

Relevant Knowledge

Courses: Data Structures, Algorithms, Machine Structure & Assembly Language Programming, Internet-Scale Distributed Systems, Programming Languages, Game Development, Operating Systems, Web Programming, Discrete Mathematics

Languages/Tools: Java, C, Python, C++, Bash, Vim, Linux, Apache, MongoDB

Awards and Honors

Echonest Prize for Best Use of the Echonest API - *Music Hack Day Boston, 2013*
Dixon Award for Junior Sportsmanship - *Edgartown Yacht Club Sailing Program, 2012*

Past Work Experience

Invaluable LLC, Allston, MA

Summer Associate - May 2014-Present

- Designed and implemented a RESTful API and Monitoring System to track web applications

Tufts University, Medford, MA

Teaching Assistant - September 2013-May 2014

Machine Structure & Assembly Language Programming (Comp 40)

- Answered questions regarding Caching, Binary Representations of Data, Interface Abstraction, Assembly Language, and Machine Emulation.
- Developed methods for teaching complex/abstract topics in understandable terms.

Edgartown Yacht Club, Edgartown, MA

Sailing Instructor, Summers 2010-2013

- Collaborated with co-instructors to create lesson plans and develop curricula.
- Educated children in both basic and advanced sailing and water safety skills, in both group and individual settings.
- Maintained sailing program facilities and equipment.

Milton Academy, Milton, MA

Student Audio-Visual and IT Technician, 2009-2012

- Installed and operated A/V equipment including speakers, projectors, microphones, and stage lights; trained underclassmen and new co-workers.
- Provided technical support for presentations, performances, and classes

Other Interests: Competitive Sailing, Guitar, Rock Climbing, Public Speaking.