Jacob Mingolla

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Objective

Leverage coursework and experience with back-end software to design and develop innovative solutions to complex, data-driven challenges

Experience

Software Developer   *Invaluable, LLC*   *Allston, MA*   *Summer 2015*
- Refactored Python-based email alerts and messaging system into Java
- Integrated new libraries and tools into the existing technology stack
- Adapted to stringent API requirements and created powerful testing suites

Software Intern   *Invaluable, LLC*   *Allston, MA*   *Summer 2014*
- Created dynamic web-crawlers in Python
- Collaborated with software team from planning stages through live release

Teaching Assistant Computer Science   *Tufts University*   *Medford, MA*   *2014, 2015*
- Assisted students in coding and project design for introductory and data structures classes
- Aided students in problem solving during weekly office hours

Camp Counselor   *Camp Nonesuch*   *Weston, MA*   *2008 – 2012*
- Supervised campers from the ages of 7 to 14, worked directly with special-needs campers

Education

Computer Science Major   *Tufts University*   *Medford MA*   *BS May 2016*
- Dean's List: Spring 2012, Fall 2012, Spring 2013, Fall 2014   GPA: 3.66

Coursework

Computer Science

Computer Graphics	Concurrent Programming	Data Structures
Data Visualization	Computational Theory	Machine Structure
Algorithms	Human-Computer Interaction	

Mathematics

Linear Algebra	Discrete Mathematics	Real Analysis

Community / Recognition

Pi Rho Omega Fraternity   *2012 – Present*
- Directed new member recruitment and orientation for Beta Theta Pledge Class
- Former Vice President of Communications

Health Workshop Leader *Peer Health Exchange*   *2013 – 2014*
- Taught hour-long workshops about health and wellness to Boston-area teenagers

Massachusetts Winner & National Finalist *Siemens Science Competition*   *Spring 2012*
- Four person team created a self-sufficient battery running off of sugar and bacteria found in mud

Coding   *in order of proficiency*

Java	C++	Python	Spring 4	Git	OpenGL	Linux / Unix	Node.js	Cucumber

References available upon request