**DANIEL KANE**

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124 Maple Ridge Road,Florence, MA 01062 413-210-8498

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**Objective:**  A 20 hour a week position to accompany continued research in Summer 2015

**EDUCATION**

**Tufts University School of Engineering, Medford, MA**

*Master of Science in Mechanical Engineering expected in May 2016*

*Bachelor of Engineering in Mechanical Engineering and Minor in Computer Science expected in May 2015*

GPA: 3.85 – Taken 3 graduate level courses thus far

Honors: Dean’s list all semesters, Tau Beta Pi member

**EMPLOYMENT**

**Tufts University, Medford, MA** *Research Assistant*  **May 2014 - Present**

* Conduct analytic research in thermal management regarding partial slip in a super hydrophobic channel under Professor Marc Hodes

**Bob Susskind House Painting, Northampton, MA**  **Summer of 2012 and 2013**

* Collaborated with co-workers to ensure all tasks were completed

**Smith College JuneSports Program, Northampton, MA** *Swim Instructor* **June 2011/2012**

* Supervised elementary aged children and gave swim instruction

**P.L.A.Y. Blue Chip Basketball Camp, Amherst, MA** *Coach/Referee* **July 2011**

* Instructed and coached young athletes, oversaw other recreational activities

**Great Wall Restaurant, Florence, MA** *Packer / Waiter* **June 2010 – August 2010**

* Coordinated with chefs in order to pack take-out orders, waited tables

**RELEVANT COURSEWORK**

Thermal –Fluid Transport 1 & 2, Thermal Management of Electronics, Machine Structure and Assembly Language Programming, Differential Equations, Calculus/Multi-Variable Calculus, System Controls & Dynamics, Algorithms, Discreet Mathematics

**COMPUTERS/SOFTWARE**

**Programming Languages:**  C, C++, Excel(VBA)

**Software:** SolidWorks, MATLAB, Autocad, Microsoft Office, LabVIEW

**ACTIVITIES AND SERVICE**

**Tufts Varsity Baseball*,*** *Athlete*  **September 2011 – February 2014**

* Experienced how to embrace my role within a team environment and how to persevere when faced with adversity. Taught me a lot about the values of discipline and hard work.
* Advised local children in baseball fundamental drills through “Level the Field” clinics.

**Delta Upsilon Fraternity,** *Brother*  **April 2012- Present**

**Big Brothers Big Sisters of Massachusetts Bay*,*** *Volunteer*  **January 2013- Present**

**Tau Beta Pi***, Member*  **November 2013 - Present**

* Participant and member of Community Service panel

**Tufts ASME***, Corporate Outreach Chair* **January 2014-Present**

* Correspond with local companies and disperse ASME Resume Books

**Haiti Village Health***, Volunteer* **January 2012**

* Assisted in providing medical care in rural Haitian villages