

# JAYME RAELYNN WOOGERD

Boston, Massachusetts

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## ENGINEERING EXPERIENCE

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### **Plethora Corporation, San Francisco, CA**

April 2016-present

*Senior Software Engineer* - July 2017-present

*Software Engineer* - April 2016-July 2017

- Designed and led implementation for web-based part manufacturability and pricing analysis, which currently accounts for 75% of all parts analyzed at Plethora
- Promoted to Senior Software Engineer, now driving all customer application & CAD add-in features
- Continue to maintain and extend back-end API and various clients, notable contributions include:
  - introducing real-time factory state updates using web sockets
  - leading effort to improve back-end unit test coverage from 60% to 85+%
  - implementing and maintaining several critical third-party integrations (Salesforce, Mixpanel)

### **Rdio, Inc. (acquired by Pandora, Dec 2015), San Francisco, CA**

Jan 2015-April 2016

*Software Engineer*

- Engineered back-end infrastructure for new credit card payment processor integration, which represented about 60% of all Rdio subscription payments worldwide
- Developed logic for automatic retries on failed billing attempts, reducing subscription churn by 30%
- Maintained high-performance Django back-end system, which included triaging & fixing bugs and extending codebase to support new & updated features

### **Mobile Tool Management, Inc., Mukilteo, WA**

June-August 2014

*Software Engineering Intern*

- Built a prototype web application to track, analyze, and visualize events of aerospace automation robots

## TECHNICAL STRENGTHS

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### **Programming Languages Technologies & Tools**

*Proficient:* JavaScript, Python; *Familiar with:* C/C++, Haskell, LaTeX  
Node, Express, React/Redux, Angular, RabbitMQ, PostgreSQL, Django,  
Vim, Git & GitHub, Phabricator/Arcanist

## EDUCATION

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### **Tufts University, Medford, MA**

December 2014

Master of Science, Computer Science

GPA 4.0/4.0.

Selected Professions Award (\$18,000 stipend), American Association of University Women, 2013-2014.

### **Bowdoin College, Brunswick, ME**

May 2007

Bachelor of Arts, Physics & Astronomy, Classics

GPA 3.76/4.0, Cum Laude.

Sarah and James Bowdoin Scholar (Dean's List), 2003-2007; First-Team All-Academic Honors, 2003-2007; Hannibal Hamlin Emery Latin Prize for proficiency in Latin, 2007; Koelln Fellowship, 2006.

## LEADERSHIP & OTHER ACTIVITIES

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Member, Tufts Women in Computer Science, 2012-2014.

Solo backpacked through eleven countries, December 2007-June 2010.

Team Captain, NCAA Division III Bowdoin Women's Ice Hockey Team, 2006-2007.

Team Captain, NCAA Division III Bowdoin Softball Team, 2007. Selected All-NESCAC.