

## EDUCATION

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Massachusetts Institute of Technology – GPA: 5.0 / 5.0

*Expected 2014*

**S.B. Computer Science and Engineering**

Rensselaer Polytechnic Institute – GPA: 4.0/4.0

*Transferred Spring 2011*

**Computer and Systems Engineering, Computer Science, Economics**

## EXPERIENCE & PROJECTS

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**Amazon.com, Inc.**

*May 2012– Aug 2012*

*SDE Intern, Kindle Fire Launcher*

Worked on the Kindle Fire Launcher team to help provide the best user experience possible to Amazon's Kindle Fire.

- Worked with image caching, views, network connections.
- Built a non-obtrusive tool for inspecting and Amazon applications without altering the device's state.

**MIT 6.470 Web Programming**

*Jan 2012*

*RoR Backend Developer – learn.to.heroku.com*

As part of a 3 member team, I designed and developed a platform for teaching and taking online courses. Developed in Ruby on Rails, hosted on Heroku. Placed 4<sup>th</sup> of 20+ teams.

- Designed and implemented a discussion board similar to stackoverflow.
- Created news feed and user notification functionality for real-time updates.

**Amazon.com, Inc.**

*May 2011– Aug 2011*

*SDE Intern, Kindle Offline Retail*

Designed a demand planning web application for business users to plan and track sales forecasting numbers of Kindle products. Developed in Ruby on Rails with Oracle SQL database.

- Designed database schema focusing on long term aspirations of the product.
- Implemented multi-user viewing and editing functionality in different aggregation levels (week, quarter, etc.), keeping an edit history to allow for audits.

**RPI ALAC**

*Jan 2010– May 2011*

*Computer Science Tutor*

Assisted students in a one on one or small group setting, going over concepts related to class material. Courses tutored include Computer Science I, Data Structures, Algorithms, Computer Components and Operations.

- Focused on students fully understanding course material by providing examples and exercises from outside of class.

**Kronos Incorporated**

*May 2010– Aug 2012*

*Performance Engineering Intern*

Worked as part of the performance engineering team and wrote two performance engineering reports based on testing results.

- Set up testing environment and wrote load tests to be run on Kronos' Workforce Central Suite.

## EXTRACURRICULAR

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**Camp Kesem Counselor (2012 - Present)**

- Worked with children of cancer patients to provide a week of fantastic memories outside of their normal lives. Planned sporting events for each day of camp. Helped raise over \$75,000.

**Undergraduate Research (2010 – 2011)**

- Worked to optimize user experience of an online survey used for annotating cervigrams by redesigning structure and flow of survey after extensive user feedback.

**Treasurer RPI IEEE (2010 – 2011)**

- Maintained records of income/expenses and reached out to departments and companies for sponsorships.

**Collegiate Varsity Sports (2009-2012)**

- Ran 2 years of varsity cross country, indoor track, and outdoor track at RPI. Continued to row varsity crew at MIT.

## LANGUAGES & TECHNOLOGIES

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**Programming Languages**

- Proficient in Java, C++, Ruby, Python
- Experience with C, C#, Perl

**Technologies**

- Android, Ruby on Rails, Git, SQL