

# EricLam

Software Engineer

## contact

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## languages

C#, SQL, Python,  
JavaScript, C, C++,  
HTML, CSS, Java,  
Racket, NetLogo, MIPS

## frameworks

NodeJS, React,  
Bootstrap, Jekyll

## tools

Linux, Git, GitHub,  
SVN,  $\text{\LaTeX}$

## interests

Full Stack and Application Development, Web Development, Dynamic Reporting Aggregation Systems, Machine Learning, Artificial Intelligence

## experience

- 2017 - Now **Bloomberg L.P.** New York, NY  
*Software Engineer*
- Developed management-level business planning dashboards
  - Managed and maintained ETL processes
  - Expanded and created sales reporting dashboards
  - Replaced monolithic systems with newer microservice architectures
- 2018 - Now **Free Body Designs LLC** NJ  
*Web Master*
- Created Free Body Designs website, freebodydesigns.com
- 2016 **Microsoft** Redmond, WA  
*Software Engineering Intern*
- Migrated probe reporting and alerting system to Microsoft-wide solution
- 2015 **Cisco Systems** San Jose, CA  
*IT Engineer Intern*
- Implemented metrics-tracking with Grafana-based visualizations
- 2013, 2014 **Octopart Inc.** New York, NY  
*Intern*
- Built data-collection and web-crawling frameworks

## education

- 2013 - 2017 **Bachelor of Science** Rensselaer Polytechnic Institute, NY  
*Computer Science and Computer & Systems Engineering - GPA 3.87*  
Awards: RPI Founder's Award, RPI Dean's List Fall 2013 — Spring 2017  
Coursework: Computer Algorithms, Database Systems, Machine Learning, Computational Linguistics, Distributed Systems, Computational Social Processes
- 2009 - 2013 **Stuyvesant High School** New York, NY  
GPA: 96.7/100  
Coursework: Systems-Level Programming, Computer Graphics

## activities

- 2013 - 2017 **RPI Ballroom Dance Team** ballroom.union.rpi.edu  
President, Competition Coordinator, Webmaster, Vice President, Team Captain
- Organized RPI Dancesport Competition, overhauled website design
- 2015 - 2017 **Upsilon Pi Epsilon** upe.cs.rpi.edu  
Membership Chair
- 2010 - 2013 **Stuyvesant High School FIRST Robotics Team 694** stuypulse.com  
President of Software Engineering, Webmaster