EricLam
Software Engineer

contact

Permanent Address
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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, 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
- Overhauled website design
- Organized 2016, 2017 RPI Dancesport Competition

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