

# Bill Mei

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🌐 [billmei.net](http://billmei.net)

## BlackRock / FutureAdvisor – Senior Software Engineer San Francisco, CA Sep 2015 – Mar 2018

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- Shipped code and tests for Ruby on Rails services to the high quality demands of an SEC-regulated company to meet SOC2 and FINRA compliance standards, on a back-end that manages \$1.1+ billion of customer assets
- Implemented React / Redux apps to replace a legacy front-end which enabled the company to ship code at high sprint velocity even as we increased headcount. Rolled out the new React / Redux apps via automation and reduced initial build time for new front-end applications from 3 months to 3 weeks
- Developed REST API standards for our standalone services that were migrated away from a monolithic codebase, to facilitate integration with our front-end, and to make data transfer between services less prone to failure
- Technical lead for a team of remote contractors to create a JavaScript / CSS UI framework comparable to Bootstrap that allowed us to meet exacting design standards from large, established brands such as U.S. Bank and LPL Financial
- Mentored junior engineers in weekly 1:1s and hosted frequent workshops to teach coding and problem solving skills

## Bill Mei Consulting – Software Engineer Toronto, ON May 2013 – Aug 2015

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- Developed an [AI written in JavaScript](#) that beats humans in battleship the majority of the time across 7,000 play sessions. Completed courses such as [Machine Learning](#) on Coursera to improve the AI
  - Created mobile-responsive, standards-compliant HTML5 and JavaScript front-end interfaces from scratch for clients such as Saxon Energy Services (an oilfield services provider with 3,800 employees)
- “ Bill’s dedication allowed the team to meet a key deadline with a product that eclipsed the specifications.”  
– *Michael Blinn, President of Giv2Giv Inc.*
- 🏆 My projects have won awards from PayPal and been top 10 on Hacker News

## The Kingston Rocket – CEO and Co-Founder Kingston, ON Sep 2012 – Apr 2013

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- Launched a low-cost bus company to service patrons travelling between Kingston and Toronto, primarily targeting students
  - Fought a legal dispute against a competitor 100 times larger than us, then managed the PR resulting in positive support for us in national news media such as the Toronto Star, Global News, and AM640
- 💰 Greyhound estimated our annual revenue potential at \$1,184,000
- 😊 84.6% of riders were “Happy” or “Very Happy” with the service
- 📈 Each trip served 400 riders at our peak

## Market IQ Inc. – Quantitative Analyst Toronto, ON May 2012 – Aug 2012

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- Developed a stock trading system based on natural language analysis of real-time news events to guide stock purchase decisions
  - Designed and unit-tested machine learning algorithms, using data mining and kernel methods to accurately predict future stock direction despite a noisy input dataset
- x<sup>2</sup> Formulated changes that increased classification accuracy by 12.7%
- “ Bill was able to explain advanced mathematical concepts with clarity”  
– *Shah Warraich, Engineer at Market IQ*

## Atlas Symposium – President and Founder Toronto, ON Jun 2011 – May 2012

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- Lead a team of 14 people to launch a niche business conference
- 📈 400+ delegates attending in fourth year

## Stone Canoe Inc. – Financial Analyst Toronto, ON May 2011 – Apr 2012

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- Managed a large Toronto-based advertising agency's accounting system to help them scale from serving small clients with budgets less than \$10,000 to serving high profile corporate clients with budgets larger than \$100,000

## Queen’s University – Bachelor of Commerce (Hons.) Kingston, ON Sep 2011 – Apr 2015

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- Dean's List, cumulative GPA of 3.86/4.3, top 12% of class. SAT score of 2370/2400 (99.94<sup>th</sup> percentile)
- Placed 28th in Canada out of 15,486 participants on the Waterloo Fermat Math Contest in Feb 2010
- Conversationally fluent in Spanish after completing academic exchange at ESADE Business School in Fall 2013