

# Max Cantor

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🔗 <http://maxcan.github.io/cv/maxcantor.pdf>

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## Work Experience

### Director of Research and Development

Nitro Software Inc.

July 2015 - Present, *San Francisco Bay Area*

- Acquired doxIQ in July 2015.
  - Managed Research and Development team and helped drive global engineering recruiting.
  - Built PDF reflow and form field detection tools for cloud product.
  - Introduced Typescript and worked with engineering ICs to enhance code hygiene and improved engineering practices.
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### Co-Founder

Docmunch / doxIQ

January 2013 - July 2015, *San Francisco Bay Area*

- Built the product and team behind doxIQ.
  - Pitched to and won the 2014 VentureBeat Marketing Tech Innovation Showdown.
  - Closed 2 enterprise contracts, providing the bulk of the revenue for docmunch.
  - Managed recruiting, front and back end engineering, dev ops, and data for doxIQ and docmunch.
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### CEO and Founder

River Valley Networks Pte Ltd D.B.A. Hachicode

September 2010 - February 2012, *Singapore*

- Built a HTML5 based mobile app which was used to let users engage with retailers, acquire receipt images with QR-code scanner UX style, accumulate points, and cash in points for rewards at their favorite retailers.
  - Developed OTA update system to deliver app updates to users with out a trip to the App store while complying with Apple and Google regulations.
  - Built the backend, Haskell based backend. The backend used OTS and custom OCR tools to scan receipt images uploaded by phones, determine the users' purchases and assign points accordingly.
  - Managed a team of 3 developers/product staff and one part time business development staff.
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### Principal

EKC Research Pte Ltd

June 2009 - January 2011, *Singapore*

- Built and traded on a full, front to back, high frequency trading system in Haskell.
  - Custom developed components included a custom FIX engine to connect to Interactive Brokers.
  - Built fair-value middleware which fully encapsulated trading strategies from execution engine. This allowed any execution strategy to be paired with any fair value model, which included arbitrage strategies, short term mean reversion, and directional models.
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## Senior Arbitrage Trader

Nyenburgh Pte Ltd

February 2008 - May 2009, *Singapore*

- Managed portfolio of delta one arbitrage strategies for Asia.
  - Worked with IT team in Singapore and Amsterdam to build out the existing European arbitrage engine for Asian markets.
  - Developed proprietary quantitative trading tools for our desk.
  - Trained and managed one junior trader from zero experience to independent competency.
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## Junior Trader

Jane Street Capital

September 2006 - December 2007, *Tokyo*

- Developed PnL tracking tool to track performance of all of the desks in Tokyo.
  - Managed AU/NZ delta-one arb strategies.
  - Backtested new strategies and optimized existing strategies.
  - Rolled out first OCaml based tools in for the Tokyo office.
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## Derivatives Broker

UBS Investment Bank

June 2005 - September 2006, *Tokyo*

- Handled several offshore client relationships for the Exchange Traded Derivatives Desk.
  - Provided execution and commentary for Japanese Equity and Bond futures and options market.
  - Instituted error reduction project which significantly reduced manual execution errors.
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## IT Developer

UBS Investment Bank

June 2004 - June 2005, *Tokyo*

- Worked on Direct Market Access team to build projects to enable Japanese clients to trade directly on the Tokyo and Osaka stock exchanges.
  - Built daily mark to market system for bespoke derivatives desk.
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## Publications

### Interpolated Equity

(<https://medium.com/this-time-is-different/interpolated-equity-12ddebcc63ef>)

Towards a fair, mathematically grounded approach to cash vs equity compensation at private companies

## Education

### Master of Science (MS), Computer Science

University of Pennsylvania

September 2003 - May 2004

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### Bachelor of Science (BS), Computer Science

University of Pennsylvania

September 1999 - May 2004

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## Certifications

### CFA (Examinations only)

June 2006

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### US Private Pilots License

September 2013

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### Crossfit Level 1 Trainer

September 2015

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