

Wenbo Chang

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PROJECTS

Headbook (*Rails, Backbone*) | [live](#) | [github](#)

- Full stack Facebook clone with a Backbone front-end and Rails back-end
- Enabled user manipulation of associations through jQuery drag-and-drop
- Styled using Bootstrap for a responsive website experience
- Utilized Paperclip to capture photo upload and store on AWS bucket

Minesweeper (*Javascript*) | [live](#) | [github](#)

- Simplified javascript version of the popular desktop game
- Recursive mine search algorithm

MegaRecord (*Ruby*) | [github](#)

- Clone of ActiveRecord, including its popular ORM features
- Created mass assignment, associations, and querying methods through Ruby meta programming

SKILLS

Ruby, Rails, JavaScript, Backbone.js, jQuery, Git, SQL, HTML, CSS, TDD

EXPERIENCE

Senior Quantitative Research Analyst – *AcumenLLC* (Spring 2011 – Winter 2013)

Analyzed terabytes of Medicare claims in conjunction with relational databases to identify healthcare fraud, waste, and abuse

Derivatives Analyst – *GHF Investment Consulting* (Summer 2009 – Spring 2010)

Implemented various trading strategies using Outrights, Spreads, and Butterflies aimed to maximize profits and reduce risk

Business Analyst – *Macquarie Bank* (Summer 2008)

Developed a valuation model for a potential multi-billion dollar transaction that included detailed quarterly analyses of operations, debt, tax, and cash flows in a business for a time-horizon of 20 years.

EDUCATION

University of Michigan, 2008

BBA in Finance and Accounting

Coursework: Calculus (Multivariate and ODE), Linear Algebra, Asset Allocation and Portfolio Optimization

PORTFOLIO [Wenbo's personal page](#) • [GITHUB](#) [enquea](#)

LINKEDIN <http://www.linkedin.com/in/wenbochang>