

# BAIHAN CHEN

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## EDUCATION

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| <ul style="list-style-type: none"><li>• <b>University of California, Berkeley</b><br/>Master of Engineering, Operations Research (GPA 3.5)</li><li>• <b>Wuhan University (WHU)</b><br/>Bachelor of science, Financial Engineering (GPA 3.6)</li></ul> | <b>Berkeley, CA</b><br>Expected May 2016<br><b>Wuhan, China</b><br>June 2015 |
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## QUALIFICATIONS

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- **Programming Language:** JAVA, Javascript, SQL
- **Software:** Matlab, Lingo, Eviews, Dreamweaver, Photoshop, and MS Office
- **Languages:** English(Fluent), Mandarin(Native), and Japanese(Intermediate)
- **Patent:** Baihan Chen, Xiquan Hu. A Way to One-step Denitrification Using Wood and Decayed Timber; China, 2014102488236[P]. 2014-11-05.

## RELATED EXPERIENCE

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### HSBC Bank (China) Company Limited

**Wuhan, China**

Intern

Dec 2015 – Jan 2016

- Examined documents of corporate clients and conducted risk rating for clients.
- Conducted profit model analysis and cash flow forecasting.
- Assisted due diligence investigation, including financial due diligence, management due diligence and technical due diligence.

### Wuhan Fenglin Environmental Science and Technology Co., Ltd.,

**Wuhan, China**

Co-founder & Manager

Mar 2014 – Dec 2015

- Established new company specializing in comprehensive environmental business.
- Liaise with clients, contractors, vendors and internal departments on work issues, applying for patents, bidding processes, and business negotiation.
- Developed a patent and conducted a pilot test for patent application.

### Institute of Hydrobiology, Chinese Academy of Sciences

**Wuhan, China**

Intern, Research Center of Water Environmental Engineering

2013-2014

- Involved in project design and development, process design, R&D of new materials.
- Assisted in site survey, site selection, and water quality testing of integrated vertical-flow constructed wetland project for China (Wuhan) International Garden EXPO.

### Information Development (Wuhan) Co., Ltd.,

**Wuhan, China**

Project Manager Assistant

2012-2013

- Successfully adapted to the Japanese management model, participated in program flow and program test design.
- Assisted project manager in coordinating processes, quality control, evaluating risk, and determining the most cost-effective plan and schedule.

## COURSE PROJECTS

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### Derivative Financial Instruments Course Project

**Feb – June 2014**

- Presented option price of Chinese market after time sequence analysis and estimated optimal hedge ratio through modelling.
- Estimated yield and yield variability of futures on Chinese future market using the GARCH model. Conducted empirical tests of GARCH effect, including stationary test, establishment, and evaluation of the model.

### JAVA Course Design

**Feb – June 2014**

- Developed a comprehensive Books Management System on the platform of eclipse and oracle by aid of JS, Struts, AJAX and PL/SQL.

### Operational Research Course Project

**Sept 2013 – Jan 2014**

- Used linear programming, integer programming, dynamic optimization, and decision analysis for cases analysis and planning to optimize production plans, resource allocation, cost, and decisions for five cases.