ERIC CHEN

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SUMMARY

By applying my strategic vision and foundation in quantitative development, I turn complex data into clear results that support intelligent risk taking. I specialize in leveraging technology to make business better and more efficient. Through driven, quantitative development and strong, accurate modeling; I successfully design and implement software strategies that support dynamic business growth.

EXPERTISE

Technology solutions in software development and business systems:

- AngularJS, Bootstrap, jQuery, KDB/Q, REST API, JSON, Slickgrid, HiChart, Relational Database, Linux, Alfresco ECM, JAVA, JSP, Web Service, ExtJS, AJAX, XML, HTML, Tomcat, Apache Web Server (CXF), C#, Perl

Financial solutions in investments, lending, analysis, and reporting:

- Bond pricing, CMBS, derivatives, P&L reporting, risk calculation, valuation, modeling, forecasting

EXPERIENCE

Morgan Stanley, New York, NY   **Jul 2012 – Present**
CRE Lending Desk Strategist
Developing, implementing and maintaining customized business applications and systems across multiple platforms that streamline deal flows, optimize internal processes and secure more loans for future growth

- Designed and maintained key loan origination pricing tool allowing users to quickly determine scenario dependent profitability, decrease turnaround time and secure more loans
- Built web-based dashboard that maximized management's ability to monitor performance, identify areas of improvement and implement positive changes quickly
- Developed innovative enterprise content management system that organized massive loan document data, integrated customized file taxonomies and satisfied regulatory requirements
- Transformed internal/external market and business data, gained from large scale data mining and quantitative research, into user friendly, grid library formats to support decision makers
- Directed and guided team of IT developers in the design, implementation and deployment of complex middle tier data service depended upon for daily financial operations
- Facilitated clear, comprehensive presentations of complex metric results to drive loan strategies

Acadaca Internet Solutions, New York, NY   **Feb 2008 – Jun 2012**
E-Commerce Software Developer
Led multiple e-commerce development projects that incorporated site launches, feature releases and customer conversion/ retention strategies that boosted client sales and market position

- Streamlined code to produce stunning front-end interfaces and highly optimized back-end functions
- Maximized client business through API integration with payment gateways, order fulfillment systems and POS systems
- Orchestrated multiple front end integrations and updates; promotional landing pages, engaging sales banners and sales funnels to drive customer conversion
- Collaborated with clients through technical assessments to launch websites that satisfied requirements

Digital Evidence Lab – Dept. of Justice, Lonton, VA   **Feb 2007 – Feb 2008**
Forensic Examiner
Provided crucial digital media evidence under tight deadlines and stringent protocol. In charge of collecting digital evidence, imaging and analyzing content; producing reports that satisfied court requirements

- Generated comprehensive evidence databases by organizing digital media content and evidence; leveraged Encase to image and analyze content
- Recognized for delivering strong, detailed reports before strict court deadlines

EDUCATION

Stony Brook University, Stony Brook, New York

- M.S., Computer Science   2006
- B.S., Computer Science   2004
- B.S., Applied Math & Statistics   2004