

Christopher "Dain" Hall

2802 N. Southport Ave., Apt 402 Chicago, IL 60614 • dain@csf9@gmail.com • 917-375-4236

PROFESSIONAL EXPERIENCE



Chicago, IL • Software Developer & Business Analyst

March 2014 – Current

Financial suite and investment Company focused on financial instrument and options trading

Highlights

- Built video content API for multiple platforms (Active Model Serializers, dynamic caching, S3, AWS API)
- Accelerated existing multi-tenant platform to a single API utilizing custom strategies and application signature hashing
- Converted shared database with applications to a fully geo, effectively reducing dependency size and latencies
- Reduced Redis key-value time from 1s minutes to under 1 minute
- Introduced better development practices (RabbitMQ, Event queue, ZeroMQ, T1 per bucket, streamlined / consolidated web tests)
- Converted front and back Query based events to business application, accelerated with introduction of Redis for testing framework
- Worked with business toolchain and back log reporting metrics for Dgraph, Dataloader and Kudu metrics events
- Set negative developer / ODK / ODK time of code written / deleted, developer knew 1 month in the best way possible

Technologies

- Ruby, Java/Spring, C/C++, Haskell, Swift, Python, JavaScript, Active Admin, Redis, Aerospike, HDFS, Scala, Swift, S3/S3, Phoenix, AWS



San Francisco, CA • Investment Banking Analyst

July 2011 – July 2013

Developed investment bank, providing the financial technology sector, with a specific focus on oil and gas M&A within payment, transactional services, trading software, execution trading technologies, valuation and quarterly business and business plan forecasting computer

Highlights

- Built robust operating and valuation models and presentations incorporating segments, forecasts and market size
 - o Proficient in valuation methods including LBO, DCF, ACP, M&A and equity comparisons
- Coordinated comprehensive due diligence process
- Analyzed operating and financial data to help synthetic multi-company's go forward growth strategy and investor story

Representative Transactions

Midwest Warehouse • Recapitalization – July 2012

- Completed growth recapitalization with Purchase of Capital Partners of company valued over \$100mm
- Technology enabled midwest supplier selling through direct sales, integrated point of sale and independent sales organizations

Reddy • Full Sale – December 2012

- Admin/Total System Services (NYSE: TSS)
- Merged all companies and alternative payments provider that competes with Square, PayPal and Venmo

Epigen • Conversion – December 2012

- Sold insurance to investors, Assets/Capital
- Provider of South based solutions that enable insurance brokers to better sell and service their clients

CERTIFY WORK & PROJECTS

Kellogg School of Management Marketing Department • Chicago, IL

- Built web scraping application to gather data surrounding social media impact on super bowl ad reading and audience engagement

Clark High School • Dallas, TX

- Built website for computer club and is the backbone of the state of Colorado's education system

Spicer • Full Sale City, TX

- Columbia (leading world of money currently developing a web and mobile application to manage business financing and M&A process)

EDUCATION

Willamette University • Willamette, Oregon/Oregon

Graduated May 2011

Bachelor of Science in Business Administration (Major: Finance) • Willamette Accounting & Marketing

Finance GPA: 3.8/4.0 Cumulative GPA: 3.7/4.0 (GPA: 3)

Willamette University Varsity Baseball • 2nd Base/Infielder

August 2007 – May 2011

- Captain and 1st year starter for the Willamette Varsity Baseball Team
- 4-Time Big Sky All-American Team (2010) Big Sky Student-Athlete of the Year
- Captain/Star / ESPN First Team Southwest Academic All-American