Cole Albon
Bend, Oregon
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EXPERIENCE

Software Engineer
CBT Nuggets
Bend, OR
January 2017 – May 2019
– Lead research and prototype development team handling cryptocurrency
and decentralized applications
– Mentor C level and developer colleagues regarding historical context
and state of the art cryptocurrency concepts
– Javascript library to augment cryptocurrency wallet with custom
purchase transactions
– Javascript library to integrate blockchain transactions into
existing payment verification system
– Prototype React/Redux front end HD wallet development
– Prototype SQS Queue –> IPFS, blockstack, automated cryptocurrency
rewards

Bitcoin Dealer, Javascript freelancer/developer:
San Francisco, CA
January 2015 – December 2016
– bitcoin utxo denormalizer tool: https://github.com/colealbon/
blocktool
– web components for card game: https://github.com/colealbon/
branchwood
– p2p card game (shuffle and pgp chat only so far): https://
github.com/colealbon/royale

Senior Warehouse Analyst/Developer
mFoundry
San Francisco, CA
April 2012 – December 2014
– Worked on large migration from MySQL/Tableau to enterprise level BI
vendor platform. Contributed to ParAccel (Redshift's database) backend
and Microstrategy front end.
– Project integrated several large siloed environments into one.
Drafted the first proposal for new integration layer schema.
– mFoundry develops and serves mobile banking applications for dozens
of large banks and hundreds of small banks and credit unions. FIS
Global is the world's largest financial technology provider.
– Agile development, stack ranking, fluorescent lights, free espresso.
– Evangelized bitcoin by placing a Lamassu vending machine on premises
for two weeks. Confirmed no serious interest at any level.

Database Analyst Developer

Bold Software
Wichita, KS
May 2010 – April 2012
– Brought Bold Software Marketing and Accounting from less-than-spreadmart status to interactive web based multidimensional reporting.
– Wrote adhoc accounting queries to facilitate pro forma financials in the context of a successful corporate merger.
– Designed and implemented data aggregation/report execution system using a open source tools. MySQL, LucidDb, Mondrian/Saiku, Pentaho.
– Wrote SQL against extremely complex heterogeneous source data: 250 plus tables, billion plus records.
– Implemented strict star schema back end SQL database with Mondrian/Saiku and Excel on front end.
– Developed tools using python to dynamically provision cloud servers and CDN assets. Reduced reporting hardware requirements cost by 90%.
– Designed and built Customer Signature for Data Mining using WEKA and Tableau.

Reports Developer
Plaster Group (Bill and Melinda Gates Foundation)
Seattle, WA
June 2009 – December 2009
– SSRS, TSQL Report Development.
– Developed a C#.NET automated unit testing suite for SSRS reports.
– Successfully evangelized proof of concept to developers, testers and development leads, but lost traction with the business community. Deployed partial project to production without a budget.
– Developed reporting centric SQL scripts to accommodate database structure changes.

BI Developer Analyst
AK Tech Consulting (Microsoft)
Seattle, WA
October 2008 – May 2009
– TSQL, SSIS, SSAS Reporting, SOAP/.Net development.
– Reduced project complexity by removing 75% of the inherited code base.
– Cleaned and enhanced TSQL and SSIS scripts to generate 25 Excel based field reports.
– Brought project from cutting and pasting results from various manually run scripts to an automated SSIS solution.

Reports Developer
Adaptis
Seattle, WA
September 2006 – September 2008
– Mentored a group of seasoned Oracle developers through the transition to SQL Server and Reporting Services Platform.
– Evangelized best practices in SQL query optimization.
– C#.NET development for automated SQL Server SSRS report generation.

– TSQL development – stored procedures with a heavy emphasis on financial reporting and analysis.
– Visual Basic development for integration with Perforce centric build environment.

Analyst/Report Writer
GoDaddy
Scottsdale, AZ
July 2004 – February 2006
– Performed live experiments within a large complex web site to quickly understand and establish relationships between product changes and their impact on revenue.
– Analyst for 25 tiered hosting, email, and reseller products.
– Wrote TSQL and Reporting Services reports to provide custom traffic and revenue analysis tools to the marketing team. Worked within very high volume SQL Server infrastructure.
– Provided reporting against a custom Linux/MySQL defect tracking system.

Account Manager
Insight
Tempe, AZ
May 2003 – February 2004
– Generate sales of software, hardware IT solutions to small to medium-sized businesses nationwide.

Account Manager
Sigaba
San Mateo, CA
July 2000 – September 2001
– Developed and managed sales opportunities from lead to close. Penetrated several fortune 500 companies without a product to offer.
– Wrote business requirements documentation for API level technology partnerships.
– Wrote the company's first sales contract and the first technology partnership contract. The attorneys signed off on both without modification.

Account Manager
FloNetwork
San Francisco, CA
April 1999 – July 2000
– Landed a series of high profile advertising clients by offering novel targeted direct marketing technology.
– Part of a startup sales team that took the company from an also-ran with a handful of clients to the market leader position within a year.
– Created, presented and defended sophisticated ROI models to C Level Decision makers.
– Landed 6 of the company's top 10 marquee clients.

Account Manager
Simultrans
San Mateo, CA
August 1997 — April 1999
— Presented to the Society of Technical Communicators — "Designing
Websites for an International Audience". Precursor to reactive
design.
— Sold medium to large multi-language software localization projects
to Silicon Valley corporate community.
— Highly technical consultative sales process. Top producer 120% of
quota.

Technical Support
MCB Systems
San Diego, CA
January 1997 — August 1997
— Technical support for TRADOS Translation Software.
— Redesigned corporate Website, moved all functionality from direct
dial BBS to "brand new" web based paradigm.
— Bookkeeping: performed monthly account reconciliation including
foreign currency transactions.

EDUCATION

Thunderbird
Gendale, AZ
Master of International Management
— Financial Computer Decision Modeling courses
— Student Council — Information Technology Committee
— Winter semester in Moscow, Russia

Arizona State University
Tempe, AZ
Bachelor of Science, Business
— PAC 10 All-American Scholar Athlete
— Men's Gymnastics Team, ASU Student Council, Fraternity, Waiter