SURYA BAHUBALENDRUNI

CONTACT

Address
9322 Paragon Mills Lane
Centerville, OH, 45458

Phone
(937)-266-5765

Email
surya.bahubalendruni@wustl.edu
surya.b@winstongrand.com

Website
suryabahubalendruni.github.io

LinkedIn
linkedin.com/in/suryavb

LANGUAGES

- Python
- Java
- C
- C++
- Javascript
- HTML
- CSS
- Arduino

TOOLS

- MongoDB
- MySQL
- Node.js
- Socket.IO
- Apache
- PHP
- Git

HONORS & AWARDS

- Dean's List (Spring '15)
- National AP Scholar ('14)
- National Merit Scholar ('13)
- 2nd - Ohio Math Competition ('13)
- 4th - Ohio Math Competition ('12)
- 4th - Ohio Math Competition ('11)
- 2nd - Ohio Math Competition ('10)

EDUCATION

Washington University in St. Louis, Olin Business School *Sept. '14 - May '18*
Bachelor of Science in Business Administration (BSBA) *St. Louis, MO*

Majors: Economics & Strategy, Computer Science and Mathematics with a track in Probability/Statistics
GPA: 3.57/4.0
Relevant Coursework: Finance, Game Theory, Accounting, Linear Algebra, Real Analysis, and Algorithms & Data Structures
Activities: Debater on the Washington University Debate Team and Recruitment Chair for Phi Gamma Nu Professional Fraternity

RELEVANT EXPERIENCE

Winston Grand *April '16 - Present*
Cofounder & Developer *New York City, NY*
- Co-managed an algorithmic trading fund that went live in April 2016 with $300K in seed capital and a primary focus on emerging cryptocurrencies, bolstering an impressive 220% return to date
- Created book building software that takes in real-time cryptocurrency tick data and constructs the book with low latency and optimal performance by using Red-Black Trees and Deques as data structures
- Designed a custom backend that compresses, chunks and versions tick data to meet the needs of our high-frequency trading platform
- Built high-frequency trading strategies that exploit latent arbitrage opportunities between and within cryptocurrency exchanges
- Built an automated trade execution system with complex entry/exit technique and mature portfolio and risk management

Prattle Analytics *May '16 - Aug. '16*
Financial Engineering & Data Science Intern *St. Louis, MO*
- Worked on long-term projects and met day-to-day demands at Prattle, a financial technology firm that uses proprietary natural language processing and machine learning techniques on central bank communications to serve unique and tradable sentiment data to clients
- Helped apply Prattle's sentiment analysis methodology to equities markets by building a regression model to isolate the residual effect of earnings call sentiment on price, using factors such as price/book ratio, earnings surprise and volatility
- Designed a backtesting platform with an event-driven architecture to simulate the performance of interday forex strategies, incorporating methods to interpolate and smooth time series data, calculate various profitability and risk metrics and visualize strategy performance
- Developed rebalancing and threshold-based forex strategies that use central bank sentiment in conjunction with traditional indicators to identify trading signals, generating up to 260% alpha over a 10 year backtesting period
- Assisted in building Prattle's next backend by converting the existing codebase into asynchronous, parallelized and stateless microservices
- Improved the detection, collection and classification of documents for the 10 worst banks in the database by writing several webscrapers
- Conducted quality assurance and debugged the client database on a daily basis by creating ad-hoc scripts to check and correct errors

Launch Code *June '16 - Aug. '16*
Teaching Fellow *St. Louis, MO*
- Taught an introductory computer science course focused on Java to a group of 10 adult students new to programming
- Led lesson plans and assisted struggling students with various elementary topics on a biweekly basis

Villhard Growth Partners *Jan. '16 - May '16*
Private Equity Analyst Intern *St. Louis, MO*
- Conducted due diligence research on potential tech-enabled investments in the healthcare services and business sectors
- Compiled strategic recommendations consisting of industry analysis and company valuations on a weekly basis
- Discussed findings with the private equity team in order to build a consensus on investment decisions moving forward

Paraquad Inc. *Jan. '16 - May '16*
Marketing Consultant - Taylor Community Consulting Program *St. Louis, MO*
- Assessed the marketability of a Health & Wellness Center for Paraquad, a non-profit that helps the disabled attain independent lifestyles
- Improved customer segmentation by creating a webscraper that collects median household income data for targeted marketing
- Created a tiered pricing strategy, incorporating unique incentives to attract and retain more affluent customers
- Developed a multi-pronged marketing strategy and timeline and presented our findings to the Paraquad Board and Deloitte executives

Washington University in St. Louis *Jan. '16 - May '16*
CSE 132 Teaching Assistant & Webmaster *St. Louis, MO*
- Coordinated curriculum and graded assignments for 200+ students in an introductory computer engineering class for C and Arduino
- Helped develop and manage content on the course's static website using HTML, CSS and Jekyll

KIPP St. Louis *Sept. '15 - Dec. '15*
Strategy Consultant - Taylor Community Consulting Program *St. Louis, MO*
- Consulted for KIPP St. Louis, a non-profit K-8 charter school network exploring the feasibility of a new high school for poorer communities
- Found qualitative trends in KIPP competitors through teacher & student interviews, a SWOT analysis and a competitive landscape analysis
- Assessed key cost drivers and developed a model for the short and long-term costs of a new school with national KIPP data
- Formed a comprehensive opening plan and timeline, presenting our strategic recommendations to the KIPP Board and Deloitte executives

Next Step Tutoring *Jan. '12 - Sept. '14*
Cofounder & Mathematics Tutor *Dayton, OH*
- Cofounded a tutoring business that served 20+ students and netted profits exceeding $10K per year
- Created curriculum with advanced math topics and trained students for standardized tests and competitions