

Founder, Lead Python Developer, GIT Repo Manager Founder, Lead Python Developer, GIT Repo Manager Founder, Lead Python Developer, GIT Repo Manager - ZIONX Trading, Inc Baltimore, MD Work Experience Founder, Lead Python Developer, GIT Repo Manager ZIONX Trading, Inc - Vancouver, BC January 2018 to Present Conceived, researched, planned, and manages the zionx project, a free P2P marketplace for trading and portfolio management strategies which allows users to synchronize their different brokerage accounts and manage each other's portfolios. Leads a team of three developers and oversees software life cycle of backend and microservices development Designs business model and manages partner relations C++ Software Developer | Backend Team Mioji Travel - Beijing, CN July 2018 to September 2018 Redesigned hotel room-allocation algorithm (whose original optimization technique only minimizes price) to incorporate important relevant parameters including grouping preferences, quality preferences, and price range restrictions. Algorithm outputs several different optimized outputs with different priority settings for each parameter. Improved room allocation algorithm (whose original optimization technique restricts room arrangement to single hotels) to one that optimizes room allocation over multiple close-by hotels. Developed program (using python, Redis, SQL) for optimizing plane ticket selection through periodically filtering for real-time best- quality API sources. Successfully reduced both the number of API calls and cycles of ticket rating process by 90% through restricting the selection process to a much smaller optimized dataset. Genome Engineering / Data Analytics Intern Shanghai Ocean University - Shanghai, CN June 2016 to January 2017 June 2016-January 2017 Generated InDel mutations in the CRHR1 and CRHR2 gene locus of three-month-old zebrafish (Danio rerio) samples through following MIT's 2013 CRISPR protocol. Performed a series of behavioral and physiological trails on mature and successful mutants and determined the CRHR1 was associated with hyperactivity, increased impulsivity, anxiolytic-like behavior, and slow maturation rate. Education B.S in Computer Science Johns Hopkins University June 2020 Probability & Statistics Whiting School

Name: John Robinson

Email: darrylhiggins@example.org

Phone: 001-655-511-0510x741