

Bishav Kharel

Computer Science Major

kharelbishav2@gmail.com www.bishavkharel.me

About Me

Technical Skills	C/C++, Python, Java, Git
Web & Design	HTML/CSS/JS, Ruby on Rails, Node.js, MongoDB, PostgreSQL
Interests	Chess, Poker, Design (game), Hobby Programming

Work Experience

Park Stash - Startup of 10

- Summer Intern – Android engineer
- Developed different UI and Android views that interacted with the backend
- Built the authentication and payment system
- Fixed a major bug that when uploading an image to the app caused the application to crash

Personal Projects

Options Strategy Back tester - <https://github.com/thefirstcommonname1/Options-Backtester>

- Back tests selling of naked calls and puts on different underlying's
- Strategies vary on different user inputs, such as a different delta, or selling puts in a bear market vs bull market
- Tracks the average P/L per trade, and the P/I of each trade, managed at 50% profit or expiration
- Tracks the percent winners of the given strategy
- Data is obtained through SQL queries on a old database dating 2015-2018

Blog/Static Site Generator - https://github.com/thefirstcommonname1/blog_generator

- Wrote a command line static site generator that creates posts, and styles all of the posts based on a styles.css file, which acts as a theme (layout file of sorts)
- Created my own version of markdown, with the extension "post.bk" which is then converted to HTML
- Automatically creates a root file, namely index.html that on the creation of new posts, appends links to those posts on the root file

Lead Generator - <https://github.com/thefirstcommonname1/non-web-finder>

- Wrote a lead generator in node.js for a freelance developer for him to get better prospective clients
- Learned how to scrape the web for information, scraped yellow pages and collected information from people that had websites, and those that didn't
- Learned how to utilize cheerio.js for DOM manipulation, and request.js for requesting information/scraping

Education

George Mason University - 2021

- Bachelor's in computer science
- 3.4 GPA