

Jennifer Osei-Tutu

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EXPERIENCE

Morningstar, Inc.

Jul 2017 - Present

Software Engineer, Managed Portfolios

Managed Portfolios - [Website](#)

- Implementing Node.js and Vue.js to create custom front end components to service advisors and investors

Morningstar, Inc.

Aug. 2016 - Jun 2017

iOS Mobile Engineer, Mobile

Investor App - [Itunes](#)

- Engineered a multi-threaded repository layer to handle data fetching, JSON parsing, & data archiving

My Company Stock App - [Itunes](#)

- Implemented multi-threading and caching for downloading images resulting in improved UI performance
- Implemented Data Integration utilizing our backend service

Other Contributions

Jan. 2016 - Aug 2016

- Created UI Test Automation Suite
- Decreased our UI testing time by 85% by engineering a flag to disable UI animations
- Reduced app file size by integrating Git Large File Storage (LFS) to track all m4v (video) files

Morningstar, Inc.

Apr. 2015 - Jan. 2016

Associate Software Engineer (QA), Retirement Solutions

- Increased UI Testing coverage by over 30%
- Developed over 500 UI test automation (Java) scripts to verify global redesign of Morningstar Retirement Manager application
- Implemented Page Object Model Design Pattern to optimize automation testing

PROJECTS

Grocery Store Simulation

- Engineered a Command Line app which calculates the time in which customers are done checking out
- Utilized Observer Design Pattern

Divvy Up Tours - <http://divvyuptours.herokuapp.com>

- Provides a web interface for users to find out where to drop off Divvy bikes
- Integrated 3rd party API to present the nearest Divvy bike stations

Web Performance App - <http://webtesting.herokuapp.com/>

- Provides a web interface for testing website speed
- Engineered UI interface & backend logic to calculate page status, load times, and number of links found on that page

SKILLS

Technologies: Swift | Vue.js

Experience with : Node.js | Java | Ruby on Rails | JavaScript | HTML5 | CSS3 | Git | SQL | Play Framework | Wiremock | Selenium | TestNg

LEADERSHIP

Algorithms Course Club

Jan. 2017 - Mar. 2017

- Created weekly algorithms study group using Princeton's Coursera Algorithms course

Design Patterns Book Club

- Led weekly Java Design Patterns Book Club

Oct. 2016 - Nov. 2016

EDUCATION

Dev Bootcamp, Chicago, IL

Mar. 2014 - Sept. 2014

- Dev Bootcamp is an immersive training program for web developers, specializing in Ruby on Rails.

The University of Chicago, Chicago, IL - Dean's List

- Bachelor of Arts with Honors in Sociology, Pre-Medical Studies
- Study Abroad - Beijing, China

Sep. 2008 - June 2012

Mar. 2012 - June 2012