

Vitali Shypko

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Education

University of California, Berkeley
Computer Science, B.A.

Jun 2017 – May 2019
GPA: 3.9

Coursework:

- Data Structures
- Structure and Interpretation of Computer Programs
- Principles and Techniques of Data Science
- Concepts in Computing with Data
- Discrete Mathematics and Probability Theory
- Blockchain Fundamentals
- Blockchain for Developers

City College of San Francisco
Computer Science

Aug 2014 – May 2017
GPA: 4.0

Coursework:

- Data Structures and Algorithms: Java
- Unix/Linux Shell Scripting
- Interactive Web Pages - JavaScript
- Advanced HTML and CSS
- Discrete Mathematics
- Linear Algebra and Differential Equation

Professional Experience

STRATIM

Jan 2017 – Jul 2017
San Francisco, CA

Quality Assurance Engineer (full-time)

- Developed automated test cases in Python using Selenium WebDriver that led to increase of code base test coverage by 16%
- Improved the company's test automation framework by adding valuable functions and decreasing the likelihood of false-positive results
- Optimized automated smoke-test suite to perform fast and reliable testing on each code change that resulted in 10% decrease in its run time allowing for faster releases

ZIRX/STRATIM

Apr 2016 – Dec 2016
San Francisco, CA

Quality Assurance Associate (full-time)

- Performed functional, integration and regression testing for the web and mobile platform projects to ensure proper software development cycle
- Analyzed feedback from Product and Operations teams as well as end customers to understand main use cases and develop comprehensive test suite
- Added relevant seed data using SQL to ensure that test machines run on the configuration analogous to production

Projects

Gitlet (Java) – implementation of a lite git-like version control system

Qirkat (Java) – a two player strategy board game (the parent of checkers) with implementation of AI

Database System (Java) – miniature relational database management system that allows storing and extracting of data

Scheme Interpreter (Python) – interpreter for a subset of the Scheme language in Python

Skills

- *Languages/Frameworks:* Java, Python, SQL, R, HTML, CSS, Selenium, JUnit, Bash
- *Tools:* Git, IntelliJ IDEA, JIRA, iTerm, Sublime Text, Vim, Xcode