Yahia Bakour, Software Engineer

bakour@hey.com

EMPLOYMENT HISTORY

Jun 2020 — Present

Software Development Engineer, Amazon
Seattle

Software Engineer working within SCOT (Supply Chain Optimization Technology). Innovating to improve Amazon's vendor experience.

May 2019 — Aug 2019

Software Engineering Intern, Bank of America, Merrill Lynch
Pennington

- Improved millions of users' daily experience when deciding on future 401K investment allocation with Merrill Lynch.
- Built features on an existing code base using C# (in the .NET MVC4 Framework), HTML5, CSS, and JQuery.
- Attended & contributed to stand-ups, sprint planning, grooming sessions, and product increment planning

Jan 2019 — May 2019

Software Engineering Intern, Libring Technologies
Boston

- Designed bots coupled with unique permissions systems to allow non-tech savvy employees to be able to run reporting operations on remote servers.
- Implemented web-hooks to allow client tracking of customer & end user platform interactions.
- Automated weekly & monthly KPI data collection from sources including but not limited to : Google Analytics, Hubspot API, Marketing MySQL Database, Jira API, and a variety of Google Cloud APIs.

Sep 2018 — Dec 2018

System Integration Intern, Libring Technologies
Boston

- Tasked with the project of digital System Integration. The project's main goal is to connect several digital internal systems utilizing in-depth knowledge of Database Schema & design, Python Scripting, and PHP.
- Worked with REST APIs and MySQL Databases within an agile framework to integrate marketing automation and CRM software for a fully automated & scalable system in the CentOs Linux environment.

Sep 2018 — May 2020

Teaching Assistant, Boston University ECE Dept.
Boston

- EC 526 Parallel Algorithms For High Performance Computing : Tasked with helping graduate students formulate individual research projects.
- EC 504 Advanced Data Structures : Tasked with writing auto-grader scripts in C++, holding office hours, and grading exams.
- EC 330 Applied Algorithms & Data Structures : Graded student's homework & exams through the usage of python & C++ scripts.
- EC 311 Introduction to Logic Design : Proctoring labs & exams, reviewing submitted Verilog hardware code and grading homework.

PROJECTS

Dec 2019 — Present

Stock Alarm

StockAlarm.io | 4.8 stars | +8k MAU | +$6k MRR
Helped build a platform that enables stock market traders to make faster and better decisions. Thousands of traders use our platform every day to set reliable and customizable alerts.

Nov 2020 — Nov 2020

Parallelizing Multiscale Edge Detection

Parallelized Multiscale Image Edge Detection code in C++ with innovative algorithms using openACC, openMPI, and FFT Convolutions. Gained almost 20x speedup with GPU powered image edge detection.

EDUCATION

Sep 2016 — May 2020

Computer Engineering, Boston University

Graduated Magna Cum Laude with a GPA of 3.72.