TAL BACHAR
Junior Software Engineer

Motivated software engineer, interested in full-stack development seeking to utilize analytical knowledge gained through a computer science major, several significant coding projects, and programming tutoring to make an impact. Quick learner with several self-taught skills, goal-driven, and eager to develop as a junior software engineer or related field. Excellent communication skills and a team player with proven results as a leader.

240 E 82nd Street,
New York, NY
10028

+1 (551) 221-5555

Tal@Bachar.co.il

Github.com/TalBachar

Linkedin.com/in/TalBachar8

https://TalBachar.github.io

EDUCATION

2018-2020 B.A COMPUTER SCIENCE, MINOR IN MATH & HISTORY
Hunter College, New York, NY (Expected December 2020)

- Relevant Coursework: Software Analysis & Design I-III, Computer Architecture I-II, Computer Theory, Operating Systems, iOS Development, Data Management, Big Data, Algorithms & Data Structures, Cyber Security, Blockchain, Distributed Systems and Cloud Computing.

2019-2020 SELF STUDY

- "Python for Data Science and Machine Learning Bootcamp" Course on Udemy
- MongoDB M001 Official Certificate
- "Responsive Web Design" course on freeCodeCamp.org
- "AWS Machine Learning" certificate on Coursera

EXPERIENCE

Apr 2020 - Present ONLINE PROGRAMMING TUTOR - OUTSCHOOL - REMOTE
Created and executed various lesson plans to teach children 9-17 to fundamentals of programming languages, focusing on C++. Taught over 500 children from all around the world, most with no past experience. Parents' average rating of 4.95/5 stars.

Jun 2020 – Aug 2020 CODELABS – CODE DAYS INTERN
Developed a full-stack open-source scheduling web app using React, Typescript, GraphQL, Apollo and MongoDB. Worked in a team with other interns and was in charge of back-end implementation.
http://MeetingGround.web.app

Jun 2020 – Jul 2020 GLOBAL LEADERSHIP & ENTREPRENEURSHIP INTERN - UPKEY - REMOTE
Developed business and analytical skills needed for a career in tech.

Aug 2012 - Aug 2019 DEPUTY HEAD OF SECURITY – ISRAELI GOVERNMENT, AIRLINE SECURITY – NEWARK, NJ
Promoted twice for exceptional performance of 5 consecutive years. Directly supervised daily operation of 9 supervisors and over 85 security agents. Acted as head of security during flight operations, including ground and air logistics.

- Implemented standard daily operations and personally updated many outdated security procedures, for which I was awarded a certificate of appreciation.
- Maximized physical site security by overseeing installation of software program and hardware systems to meet and exceed security requirements
- Coordinated security procedures with other agencies such as TSA, FBI, Port Authority Police Department. Presented monthly security reports to high ranking personnel and created intel reports, gaining experience working with many stakeholders.

PROJECTS & SKILLS

ADOPT-A-FRIEND NYC
(MySQL, Django, Python, HTML/CSS, Javascript)
Oversaw a project which developed a web application that allows the user to search for adoptable pets in New York City. Stored results and user information in the database, and implemented a pet database via Petfinder API. Oversaw achieving goals in a tight schedule and made sure deadlines were met.

HETIONET
(MongoDB, Python)
Implemented an interactive program which allows user to connect biomedical data across multiple levels. The database contains over 2 million relations between 47,000+ nodes.

SKILLS

- C++
- Python
- Java
- HTML/CSS
- Mysql
- React
- JavaScript
- MongoDB
- UNIX / LINUX
- Django
- SWIFT
- MIPS
- GraphQL

OTHERS

NCO OF TEACHING AND TRAINING – ISRAELI DEFENCE FORCE (2008-2011)
Selected out of thousands of candidates to instruct high-ranked military officers on various combat theory lessons, including navigating and combat techniques.

LANGUAGES -
English (Fluent), Hebrew (Fluent), Spanish (fair)

SPORTS –
Amateur soccer player at NY Coed Soccer, Manhattan