Ophir Gal

Primary Residence: Rockville, MD, 20852 | Campus Residence: College Park, MD | ophirgal2@gmail.com

EDUCATION

University of Maryland, College Park, MD   **Expected Dec 2020**

Bachelor of Science, Computer Science | Current GPA: 3.86 | Honors: NSCS Honor Society

PROGRAMMING SKILLS (most to least proficient)

Java | Python | C | C# | Ruby | OCaml | Rust | JavaScript | HTML | CSS | UNIX | XML | SQL

PROGRAMMING EXPERIENCE

Intro to Algorithms & Organization of Programming Languages (courses)   **UMD, Fall 2018**
- Completing weekly course projects in Ruby, OCamel, and Rust
- Completing weekly assignments writing efficient computer algorithms

Software Engineering Summer Internship   **National Institute of Health, Summer 2018**
- Used machine learning in Python to build a predictor for complete remission in cancer patients
- Employed various classifiers and feature selection methods to analyze gene expression data
- Prepared progress reports and presented personal project at the NIH Summer Poster Day

Intro to Computer Systems (course)   **UMD, Spring 2018**
- Completed weekly course projects using standard C libraries working in a UNIX environment

Personal Projects   **January 2018**
- Built a personal website using GitHub pages, Google domains, HTML, JavaScript and CSS

Object-Oriented Programming I & II (courses)   **UMD, Spring 2017 & Fall 2017**
- Completed weekly course projects using standard Java libraries and data structures while implementing models and views in MVC based applications
- Collaborated with classmates for small-scale group projects with GUI using different design patterns such as a calculator application using MVC and State Design Pattern

Computer Science High School Program   **Israel, Fall 2011 – Spring 2013**
- Built a website for final project using C#, HTML, CSS, JavaScript, XML, and SQL, allowing for user registration, user log in, admin user-base queries, and admin updates to site content/user status
- Completed weekly coding exercises in C# as part of the 3-year program

MILITARY EXPERIENCE

Boot Camp Commander & Combat Soldier   **Israel Defense Forces, Nov 2013 – Nov 2016**
- Facilitated and implemented the basic training of 90 draftees which included physical training, rifle marksmanship, artillery lessons, and weapon lessons
- Led and commanded 10 troops through their training which entailed high communication and leadership skills along with military professionalism and self-discipline
- Accomplished daily tasks of border patrol and guard duties

CAMPUS LEADERSHIP
- Teaching assistant for OOP II course (lecturing, grading, and holding office hours)   **UMD, Fall 2018**
- Hebrew mentor at Language House Living-Learning Program (leading weekly events)   **UMD, Fall 2018**
- Teaching assistant for an advanced Hebrew course (giving lectures in Hebrew)   **UMD, Spring 2018**
- President of Mishelanu club (planning and leading weekly funded activities)   **UMD, Spring 2018**
- Staff member on Birthright trip (co-led the trip and its activities)   **Israel, January 2018**
- President of Jammin' at Maryland club (founded club and led weekly sessions)   **UMD, Spring 2017**

JOB EXPERIENCE
- Store service & sales representative at Nespresso   **Tel Aviv, Israel, Jul – Aug 2017**
- Waiter & cashier at Burgerim restaurant chain   **Modi'in, Israel, Jan – Mar 2013**
- Store sales representative at Lin's Farm   **Modi'in, Israel, Jun – Aug 2012**