

# TAMARA ALHAJJ

@ tamara.kunnanath@gmail.com

📍 ON, Canada

☎ 613-878-8129

🔗 github.com/TamaraAlhajj

## EXPERIENCE

### Innovation Web and Voice Developer

#### Sun Life Financial

📅 May 2019 – Present

📍 Toronto, ON

- Worked with a small team to **develop secure voice features** for the live Sun Life Voice Skill using **Alexa Skill Kit and Dialogflow**.
- Collaborated with multi-disciplinary teams to meet strict deadlines by using the **SCRUM agile methodology, JIRA, and BitBucket**
- Deployed voice skills with **Azure and AWS Lambda**, while using **Google Cloud Platform** for analysis.
- **Participated in design thinking** sessions to generate web based MVPs with **ReactJS**
- UI wireframes with **Marvel and AdobeXD** and rapid prototyping using **JS and Bootstrap**.
- Followed **DevOps branching and merging strategy** with git and SourceTree for version control.
- Took on plentiful opportunities to **present to executive leadership**.
- Nominated for 2019 CEO's Award of Excellence

### Teaching Assistant

#### Carleton University

📅 September 2017 – April 2018

📍 Ottawa, ON

- Led tutorials and office hours on **system-level programming with C**

## NOTABLE PROJECTS

### Personal Site

#### My professional site built with Sass (7-1 pattern), HTML, and JS

📅 2020

📍 <https://tamaraalhajj.github.io/>

### Intelligo

#### Complexity Theory Tool using Django, Python, Heroku, & Bootstrap

📅 2019

📍 Honours Project at Carleton

- Web app built for visualizing and learning about discrete maths
- User may enter an equation for  $f(n)$ , which will **generate the big-O & big-Ω solutions** using the  $\lim_{n \rightarrow \infty} \frac{f(n)}{g(n)}$ .
- Alternatively, user may enter a for divide-and-conquer recurrence,  $T(n)$ , which will **generate the asymptotic analysis** using the Master's Method.
- To complement the output of the Master's Method, the corresponding **recursion tree for  $T(n)$  is generated dynamically** for the user to see.

### Traveling Salesman Problem

#### In-Depth performance comparison of a Genetic Algorithm, Simulated Annealing, and Nearest Neighbour implemented with Python

📅 2019

📍 AI Final Project at Carleton

### conFusion

#### A website for the fictional a restaurant using React & Redux

📅 2019

📍 Hong Kong University online challenge

## EDUCATION

### Computer Science B.Sc Honours

#### Carleton University

📅 April 2019

📍 Ottawa, ON



#### GPA

3.5/4



#### Achievements

Academic Scholarship  
Internet Security Specialization  
PMC Volunteer Notetakers  
Outstanding TA Nomination

## SKILLS

Presentation

Technical Writing

Collaboration

Project Management

Detail-Oriented

Organization

### Programming Languages

JavaScript ES6, HTML, CSS/Sass, Python, R, C/C++, Bash, SQL

### Libraries & Frameworks

Bootstrap, jQuery, Node.js, React, NumPy

### Tools & Platforms

Git, Jira, npm, Heroku, wordpress, Firebase, Azure, AWS, Dialogflow, Alexa Skill Kit, Actions on Google, Google Cloud Platform, MongoDB, Gulp, yarn

### Design

Marvel, Adobe XD,  $\text{\LaTeX}$ , Markdown, Visio

## HOBBIES

### Yoga

#### The mind is strong when your body is too

📅 2014-Present

### Language Learning

#### Practicing Arabic, Malayalam, & Spanish

📅 Present

### Baking & Cooking

#### From Macarons to Malfoof

📅 Present

### Hackathons

#### MLH, cuHacking, CXO

📅 2017-present