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 $lim_{n\to\infty}\frac{f(n)}{g(n)}$.
- 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, Mocha, Chai, ReactJS, Vue.js, NumPy, Anaconda, Django

Tools & Platforms

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

Design

Marvel, Adobe XD, LaTeX, Markdown, Visio

HOBBIES

Hackathons

MLH, cuHacking, CXO

2017-present

Yoga

The mind is strong when your body is too

2014-Present

Baking & Cooking

From Macarons to Malfoof

Present