

TAMARA KUNNANATH

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EXPERIENCE

Web Application Developer

Roadmunk

📅 April 2020 – Present

📍 Remote

- **Wrote modern, accessible, maintainable code** for the Feedback and Idea Management solution and our third party API integrations.
- Worked with a small team to **maintain the Jira API integration and fully implement the new Azure DevOps API integration**, which has resulted in **greatly increased customer adoption and decreased churn** by enabling our users to visualize beautiful roadmaps using two-way synced data.
- Worked with a variety of different languages, platforms, and frameworks used across organizational products. Tech stack includes JavaScript, TypeScript, Node.js, ReactJS, node.js, MongoDB, Apollo + GraphQL, Mocha + Chai, and Storybook
- **Collaborated on a multidisciplinary team** of developers, testers, designers, and products management on a daily basis
- Followed DevOps strategy with **git & GitLab** for version control as well as **GitLab & Jenkins** for continuous integration and delivery
- Leveraged Kanban with Jira to keep track of progress of work in flight

Innovation Web and Voice Developer

Sun Life Financial

📅 May 2019 – April 2020

📍 Toronto, ON

- **Developed secure voice features**, using Alexa Skill Kit and Dialogflow, to share up-to-date data on investments and coverage with users of the Sun Life Voice Skill.
- Handled voice skill deployments with **Azure and AWS Lambda**, while using **Google Cloud Platform** for analysis.
- **Participated in design thinking** sessions followed by **rapid prototyping** to generate web based MVPs with ReactJS and Bootstrap.
- Followed DevOps branching and merging strategy with git and BitBucket for version control.
- Met strict deadlines by using the **SCRUM agile methodology** with tracking on Jira
- 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 & BASH** to aid in student comprehension of fundamental OS concepts including process management, memory management, as well as Unix based file systems.
- Received outstanding TA nomination

EDUCATION

Computer Science B.Sc Honours

Carleton University

📅 April 2019

📍 Ottawa, ON

SKILLS

OOP Principles

Documentation

Collaboration

Detail-Oriented

Functional Programming

Design

Data Structures

Customer Centricism

NOTABLE PROJECTS

Intelligo

A web application to provide dynamic & visual aid for learning asymptotic complexity theory, built with Django, Python, NumPy, Anaconda, and Bootstrap.

Traveling Salesman Problem

Three creative implementations to the TSP, using Python, NumPy, matplotlib, as well as \LaTeX for the report.

Analysis of solutions includes a comparison between a greedy algorithm and two AI techniques to solve the TSP.

A Genetic algorithm and Simulated Annealing are the two intelligent techniques used to solve the NP-hard problem.

Connect4 AI

A game which allows for the conventional game play as well as additional features, including an unbeatable AI using MiniMax with Alpha-Beta Pruning.

Implemented with Python, NumPy, and PyGame

Hackathons

MLH, cuHacking, Project Euler, CXO

📅 2017-2020