

TAMARA ALHAJJ

Senior Software Developer with a passion for Machine Learning

✉ tamara.alhadj.cs@gmail.com

🔗 TamaraAlhadj.github.io

🌐 github.com/TamaraAlhadj

EXPERIENCE

Fullstack Software Developer

The Institute for Ethical Venture Capital

📅 Present

📍 Remote

- Working as a volunteer at ethics.vc, a non-profit start-up, dedicated to exploring and promoting best practices in ethical venture capital
- designed and developed application from concept to deployment, including UI/UX design (Figma), database architecture (PostgreSQL), and front-end/back-end development (Python and Django).

Fullstack Software Developer

Tempo.io (Through acquisition of Roadmunk)

📅 April 2020 - June 2024

📍 Remote

- Advanced from Intermediate to Senior Software Developer, demonstrating growth and leadership
- Rapidly developed solutions in a fast-paced start-up environment, contributing to agile development cycles and cross-functional team collaboration
- Focused extensively on API development within a high-performance agile team, significantly increasing customer adoption and reducing churn by implementing and maintaining third-party API integrations for roadmapping software
- Implemented the Feedback and Idea Management solution, enabling users to filter feedback, prioritize features, and effectively promote ideas on roadmaps
- Initiated and led a group supporting women in tech, promoting collaboration, professional development, and engaging in mentorship of junior developers
- Often took opportunities to collaborate with sales to demo features to potential clients
- Modernized UI and legacy code to enhance accessibility and user experience
- Developed full-stack solutions using a wide range of technologies, including JavaScript, TypeScript, Node.js, ReactJS, Apollo + GraphQL, PostgreSQL, and MongoDB, across various projects
- Implemented unit tests with Sinon.js, Mocha, and Chai
- Leveraged git & GitLab for version control and CI/CD
- Tracked usage metrics and assess performance improvements using Grafana

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
- Participated in design thinking sessions and rapid prototyping to create web-based MVPs with ReactJS and Bootstrap
- Mentored new co-op cohort each quarter
- Presented frequently to executive leadership
- Nominated for 2019 CEO's Award of Excellence

EDUCATION

Masters of Computer Science

Georgia Institute of Technology

📅 In Progress

📍 Atlanta, Georgia - Remote

- Machine Learning Specialization

Computer Science B.Sc Honours

Carleton University

📅 April 2019

📍 Ottawa, ON

- PMC volunteer note taker for students with unique needs
- Received outstanding TA nomination

CERTIFICATIONS

Machine Learning Specialization

DeepLearning.AI & Stanford Online

📅 Present

📍 Coursera

- Completed 2 of 3 courses: Supervised Learning, Advanced Learning Algorithms, and Unsupervised Learning (In Progress)
- Applied ML techniques using Python and scikit-learn/TensorFlow; built regression, classification, and clustering models

Mathematics for Machine Learning and Data Science

DeepLearning.AI

📅 Dec 2024

📍 Coursera

- Completed 3 courses in Linear Algebra, Calculus, Probability & Statistics for ML with Python and NumPy

Exploratory Data Analysis For Machine Learning

IBM Skills Network

📅 Jan 2023

📍 Coursera

MongoDB Performance (M201)

Analysis and optimization techniques for Mongo deployments

📅 June 2022

📍 MongoDB University

SKILLS

Python

JavaScript/TypeScript

React

Node.js

Django

PostgreSQL

MongoDB

Git

Agile Development