

TONY WANG (TENGYUE)

Product Manager | Computer Engineer | Filmmaker

EXPERIENCE

Apple, Inc. — Product Manager Intern

Cupertino, CA, Sep 2019 – Dec 2019

Collaborated with the Search Advertisement team to develop ML product roadmaps. Discovered monetization opportunities (30%+ CPT) in international markets. Identified and analyzed product features while syncing with engineering and marketing teams. Presented to senior leaders at organization-level meetings.

Amazon Visual Search — Software Development Engineer

Atlanta, GA, Sep 2018 – Dec 2018

Coordinated and delivered 2 fashion-oriented visual search Agile projects in 3 months. Reduced 3D image processing time by 92% via parallel cloud computing. Conducted research on potential deep learning image segmentation solutions in Amazon Partfinder service. Presented at cross-organization conferences.

McAfee Inc. — Release Engineer

Waterloo, ON, Jan 2018 – Apr 2018

Managed 200+ virtual machines and servers. Introduced Chef automation infrastructure to the company. Led the development of a cybersecurity slack integration using NLP and presented at company-wide conferences.

Autodesk Canada Co. — Software Developer

Montréal, QC, May 2017 – Aug 2017

Managed an administration dashboard project with Agile. Completed 50+ tickets on Fusion 360 regarding front and back-end geometric computing.

Kik Interactive Inc. — Full Stack Developer

Waterloo, ON, Sep 2016 – Dec 2016

Developed 20+ significant features on the ChatBot platform and delivered a comprehensive data migration affecting 9 million monthly users.

EDUCATION

University of Waterloo, B.A.Sc. — Computer Engineering

Waterloo, ON, Sep 2015 – Apr 2020

Cognitive Science Minor. Courses include data science, linguistics, robotics, pattern recognition, deep learning, security, and operating systems.

SZ Institute of Technology, Student — Graphic Design

Shenzhen, China, Sep 2012 – Feb 2014

Studied computer-aided design, digital art, animation, and fine arts.

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FOUNDER OF

Flockvision.com – Online marketplace for expert reviews

Watchout.us – Watch any videos on the internet in sync

FIELDS

Product Management,
Agile Project Management,
Software Engineering

DEVELOPMENT

Languages

Python, C, C++, Java,
Javascript

Machine Learning

Tensorflow, Keras, Matlab

Full Stack

Vue, React, Node, Express,
Flask, MongoDB, PostgreSQL

Design

Illustrator, Premiere, CSP,
Davinci Resolve

Misc.

Unreal, Unity, Socket.io,
Firebase, AWS, GCP

PROJECTS

NLP Meeting Minutes
Transcriptive Automatic
Summarizer
Neural Network Video
Segmentation on Firearms
MR Mobile Workstation

AWARDS

Official Selection in Procida
International Film Festival
Cinematography Finalist
Newark International Film
Festival