TONY WANG
-TENGYUE-

Computer Engineering │ NLP/ML/MR │ Product Management │ Filmmaking

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EXPERIENCE

Apple, Inc. — *Product Manager Intern*

Cupertino, CA, Sep 2019 - Dec 2019

Collaborated with a cross-functional team to develop ML product roadmaps. Identified, analyzed and drove Search Ads product features with data-driven frameworks. Discovered and developed monetization opportunities in global markets. Presented to senior leaders at organization level meetings.

Amazon Visual Search & AR — *Software Development Engineer*

Atlanta, GA, Sep 2018 - Dec 2018

Coordinated and delivered 2 Agile fashion oriented visual search projects in 2 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

UWaterloo, Candidate — *B.A.Sc., Computer Engineering*

Waterloo, ON, Sep 2015 - Apr 2020

Minoring in Cognitive Science. Studying artificial intelligence, 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.

PROJECT MANAGEMENT

SDLC Models, Jira, Trello

LANGUAGES

Python, C, C++, Java, Javascript, Groovy, Perl, ARM assembly, VHDL

DEVELOPMENT

Android, Unity, ReactJS, AngularJS, VueJS, WebGL, Three.js, NodeJS, Express, Webapp2, Flask, Socket.io

MongoDB, PostgreSQL, Ndb, Tensorflow, Caffe, OpenCV, Mask R-CNN, Choregraphe, DeVise, SlackBot, KikBot

OTHERS

AWS, GCS, Gdlp, Redis, Fabric Jenkins, Chef, Vsphere, Scikit-learn, Jupyter Notebooks

PROJECTS [GITHUB]

NLP Meeting Minutes Transcription / Automatic Summarizer
ML / **RCNN** Image/Video Recognition on Firearms
AR Mobile Workstation
Unity Third Person Parkour Mecanim Controller

AWARDS

Finalist in the Procida International Film Festival
Finalist in Newark International Film Festival
Official Selection for Lift-Off Film Festival