

Robert Zhu

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Advanced Micro Devices, Inc.

Technical Marketing Specialist — Jan 2019 - Present

- Wrote test automation in Python to measure performance on the Radeon graphics product line and relevant competitors
- Develop and maintain the test automation’s backend, including test run management, account token databases, and data analysis tools
- Wrote automation tools for data analysis and reporting
- Project: utilized newly received training in python database tools to redesign automated account token check-in/check-out framework
- Project (in progress): outline plan and deploy version control + CI/CD system for automation script development team

Faculty of Arts & Science, University of Toronto

Client Services — Summer 2017, Fall 2018

- Played key desktop engineering role in rollout of Windows 10 across A&S faculty

Department of History, University of Toronto

Web Administrator — Fall 2015, Fall 2016 – Winter 2017

- Led project to take over maintenance and development of GRASAC Research project’s Drupal website

Chinacache NA Inc.

Network Operations Intern — June 2014 — August 2014

- Created automation for reporting health of worldwide webcache server nodes
- Managed remote virtual Linux webserver software; performed VM installation and configuration

Bluetooth Item Tracker Tag (Final Year Project)

- In a team of 4, built a functional prototype for a Bluetooth tracking tag, linking hardware and software over the Bluetooth 5.0 stack
- Led the development of the hardware prototype, writing firmware code to track battery level, process signal fluctuations

Interactive Map

- Built navigation software (in C++), with interactive UI in a team of 3
- Took leadership role in implementing map data structures and path-finding algorithm (Dijkstra and A*)
- Optimized performance for accessing large amount of map data in real-time UI (OpenStreetMaps)

University of Toronto

Bachelor of Applied Science

Electrical Engineering

Graduated June 2018

Coursera

Introduction to Machine Learning

(In Progress)

Experienced Platforms

Linux (CentOS, RHEL, Ubuntu Server)

Drupal

MySQL/PostgreSQL

Virtualbox/Hyper-V

Programming Languages

Python

C++

Verilog/VHDL

Java

Perl

Numerical Software

MATLAB

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Octave

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