TIMOTHY HSIUNG

Contact Info
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Software Engineer
www.made-by-tim.com

Location
Ottawa, Canada (Hometown)
Taipei, Taiwan (Current)

SUMMARY
- 7+ years (5+ years full-time, 2 years internship) software engineer working in a diverse set of technical roles
- People and project management experience in a mixed language environment (English and Chinese)
- International work experience in US (Microsoft, Facebook), Taiwan (HTC) and China (Microsoft)

SKILLS

Progamming Languages:	[★ ★ ★] C#/XAML, C++, Python	[★ ★ ☆] JS, Java
Web/App Frameworks:	[★ ★ ☆] NodeJS, ReactJS	[★ ☆ ☆] Django, Android/Java
Databases:	[★ ★ ☆] MySQL, Google BigQuery, MongoDB	
Developer Tools:	[★ ★ ☆] UNIX Shell Scripting, Docker	[★ ☆ ☆] Kubernetes

WORK EXPERIENCE
Principal Software Engineer: Desktop Client, HTC, *Taipei, Taiwan*   July 2019 - July 2020
- Integrated partners team's HMD streaming solution in C#/XAML VIVEPORT Desktop Client
- Redesigned and refactored UI elements and layout based on new UX design
- Managed feature status, hosting feature planning and production release meetings

Supervisor: VR Data Engineer, HTC, *Taipei, Taiwan*   September 2017 - June 2019
- Developed Python scripts in Docker images to ingest data (ie: MSSQL, Azure) into GCP (GCS, GCE, BigQuery)
- Led TW-based data engineering team in project and people management with US-based manager
- Designed GDPR-compliant data anonymization and access control for json logs and BigQuery

Software Engineer: OS Platform, Microsoft, *Redmond, Washington, US*   September 2013 - October 2015
- Created a C# library used to add Points of Interest in Windows 10 Maps app
- Designed and implemented Maps API in C++/WRL to address competitive feature gap
- Collaborated and tested with partner team to ensure Maps APIs work across hardware platforms

INTERN WORK EXPERIENCE
Program Manager, Microsoft, *Shanghai, China*   September 2012 - December 2012
- Designed and wrote specification for high-level system monitoring page
- Collaborated and designed new UI and workflow with UX team for MARS

Web Application Developer, Morgan Stanley Smith Barney, *New York, NY, US*   January 2012 - April 2012
- Created "New Change of Address" application using JSP, HTML and CSS

Backend Software Engineeer, Facebook, *Palo Alto, California, US*   April 2011 - August 2011
- Migrated profile data from legacy format to new Timeline format using PHP and MySQL
- Created write-time aggregator for space efficiency purposes checking all stories appearing on Timeline

OTHER EXPERIENCE
Study, *Taipei, Taiwan*   July 2020 - Current
- Completed Udemy courses on Web Development, NodeJS, MongoDB, and Docker/Kubernetes (July - Sept.2020)
- Created Youbike Station Google Maps Search using NodeJS deployed on Google Cloud Run in Docker-ized server and worker: https://www.github.com/TimmyHo/youbike_api

Gap Year, *Taipei, Taiwan*   May 2016 - September 2017
- Attended advanced intensive Chinese classes at NTU (15 hours/week)
- Volunteered and led Microsoft's US-Taiwan intern mentoring program
  - Organized events for interns focusing on self-reflection, self-discovery and deciding their life direction

EDUCATION
Bachelors of Software Engineering , University of Waterloo, *Waterloo, Ontario, Canada*   September 2008 - 2013
Combinatorics and Optimization Minor