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VINCENT TENG

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Canada

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Experience

Software Engineer Intern	**HBO**	**Summer 2018**

- Implemented Kubernetes Horizontal Pod Autoscaling (HPA) based on custom metrics for HBO video markers
- Architected a web adapter to receive HPA controller requests and extract Statsd metrics from GraphiteDB
- Developed a HTTP server to emit Prometheus scrapable histogram metrics

Software Engineer Intern	**Microsoft**	**Winter 2018**

- Developed and architected a HoloLens application via Unity and Azure for visualizing 3D cancer tumour data
- Implemented a WebGL app to inject keyboard inputs into the HoloLens app while syncing the apps' states
- Designed a game object that enabled users to filter between 50,000 cell models via keyboard control

Cognos Analyst Intern	**IBM**	**Winter - Summer 2017**

- Solved 150+ client submitted tickets via issue reproduction, software log tracing, and trouble-shooting on phone
- Identified, documented, and tested 30+ defects within IBM Cognos; fixed in future iterations of software
- Fully repaired 2-3 malfunctioning server environments daily, achieved multiple perfect client evaluations

Software Engineer	**Lamify**	**Summer - Winter 2016**

- Implemented landing pages and web applications via Bootstrap and Node.js for company clients
- Developed frontend component in anti-procrastination Chrome extension, which helped boost user base by 25%
- Performed regression tests and ensured cross-platform functionality for web applications

Software Developer Intern	**Canada Post**	**Summer 2016**

- Architected an Excel VBA macro that generates fuel usage anomaly reports for 13,000+ Canada Post vehicles
- Developed an automatic email routine with Outlook VBA that sends location specific reports to site managers
- Reduced process runtime by 95% and parsed 12,000+ fuel usage entries in under 12 minutes

Web Developer Intern	**ReEnvision Digital Marketing**	**Summer 2016**

- Designed and implemented tailored marketing websites for agency clients via WordPress and HTML/CSS
- Created a custom marriage license request form for an Ottawa Member of Parliament's public site
- Implemented SEO via Google Analytics and resolved 200+ visual issues for various client sites

Technologies

- **Languages:** Python, C#, Go, Java, JavaScript, Swift, Visual Basic
- **Framework/Libraries:** HTML/CSS, Bootstrap, jQuery, Android, iOS, Node.js, React.js, LaTex, VBA
- **Environment and Tools:** UNIX/Linux, Git, SVN, Azure, Google Cloud, AWS, Unity, Kubernetes, Docker

Education

Honors Bachelor of Science	**University of Toronto**	**Fall 2015 - Summer 2020**

- Major: Computer Science - Software Engineering Specialist w/ co-op

Highlighted Projects

- **Adder:** Instrumented AWS MobileHub and frontend component for React.js mobile app for users to add one another on social media via facial/QR code scans
- **shARe:** Integrated AWS Cognito and DynamoDB for iOS AR app that enabled users to place text bubbles within their surroundings as markers
- **Air VR:** Developed Node.js air traffic tower simulation using Google Cloud voice to text ML model

Awards

- **Best use of Amazon Web Services:** Independently developed AWS architecture at Hack Western IV, 2017
- **Best Google Chrome Extension:** Implemented application frontend with Bootstrap at McHacks 2016