Chuan X. Wu

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🎓 Education

University of Waterloo, Waterloo, Canada   2014 – 2019(Expected)

Bachelor in Computer Science, Joint Combinatorics and Optimization, Minor in Statistics

👥 Experience

Microsoft | Redmond, Washington   Jan 2018 – Apr 2018

Software Engineering Intern

- Contributed to O365 Engineering System team on Coral, a pipeline-based infrastructure tool for CI/CD
- Added revertible scope support for Service Tree during pipeline creation
- Redesigned the pipeline registration to a wizard view from scratch in Typescript and React
- Implemented an End-to-End Integration test as part of the release process

Carrot Inc. | Redwood City, California   May 2017 – Aug 2017

Full Stack Engineering Intern

- Managed with a micro-service back-end and an AWS-based infrastructure system
- Redesigned the User Management service, estimated to reduce the request time by 80%
- Developed a native page template maker in React, Redux and Wordpress
- Built the event metrics service in Node.js, RabbitMQ and PostgreSQL

Tulip Retail | Waterloo, Canada   May 2016 – Aug 2016

Software Developer Co-op

- Designed and developed new features for the Clienteling product using Framework 7
- Optimized the database query for the product, estimated to reduced the query time by 40%

Ericsson Inc. Canada | Mississauga, Canada   Sept 2015 – Dec 2015

Application Developer Co-op

- Involved in writing test programs and automation scripts using Casper.js, Selenium and SoapUI
- Worked closely with product team as a deployment engineer

CoreDevo Group   Mar 2016 – Present

Founder, Developer

- Programming group which actively involves in Hackathons
- Projects can be found on `http://github.com/CoreDevo`

⚙ Skills

- Programming Languages: Javascript, Java, C, Python, C++, C, Swift, PHP
- Web Development: HTML5, CSS3, React, Redux, Node.js, AngularJS, jQuery, GraphQL, Typescript
- Technologies: AWS, Git, RabbitMQ, Docker, Azure
- Database: MySQL, PostgreSQL, MongoDB
- Familiar: Shell, Scheme, Matlab, Ocaml

ℹ Miscellaneous

- Personal Website: `http://Teakay.net`
- GitHub: `https://github.com/TeakayAero`