

Permanent Address
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Current Address
Unit #502
1088 14th Ave W
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TECHNOLOGICAL EXPERTISE

Languages

- *Proficient:* Java, Python, JavaScript (AngularJS, NodeJS), SQL
- *Working knowledge:* C/C++, Go
- *Familiar:* Ruby, Objective-C/Swift (iOS), Android Development

Technologies

- *Proficient:* PostgreSQL, MongoDB, Git, jQuery, Django
- *Familiar:* Nginx, Linux, Pentesting, OpenCV

WORK EXPERIENCE

Software Engineering Intern, MetaOptima

Spring 2015

- Worked on mobile API and web backend for skin cancer screening app
- Increased backed test coverage by over 50%
- Implemented image encryption and image analysis using OpenCV

R&D Engineering Intern, Ecotrust <https://thisfish.info>

Summer 2014

- Improved form UX, resulting in 50% increase in form completion.
- Primarily used Python and Django and jQuery
- Software used by 1000+ fishermen and fish distributors

Software Engineering Intern, Kensington Medical Clinic

Summer 2013

- Created optimized PDF lookup engine using ElasticSearch
- Learned to consult with stakeholders and turn customer needs into requirements
- Decreased PDF lookup times from 50ms to 10ms

PERSONAL PROJECTS

TellForm github.com/whitef0x0/tellform

Summer 2015 - Present

- An open source Form Builder similar to Google Forms or Typeform.
- Written in Node.JS, AngularJS and MongoDB
- Used by over 1000+ users worldwide

pdffiller github.com/johntayl/pdffiller

Summer 2015 - Present

- 12000+ total downloads, top 20% download rank of 244,400 packages
- Top contributor and maintainer with 29+ commits.

President, nwHacks <https://nwhacks.io/>

Spring 2014 - Present

- Attended by 800+ students from 20+ universities
- Raised over \$100k in sponsorship from Facebook, Google and others
- Founded largest hackathon in Western Canada

AvianRobotics <https://avianrobotics.com>

Summer 2015

- Created live web-streaming drone platform used by SFU Security.
- Implemented agile and scrum practices for engineering team

EDUCATION

University of British Columbia
Studying Computer Engineering

Class of 2018

