

**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>

*ummer 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](https://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 200+ users worldwide

**pdffiller** [github.com/johntayl/pdffiller](https://github.com/johntayl/pdffiller)

*Summer 2015 - Present*

- 1850+ 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*