

Derek Li

software engineer

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🐙 @deruga

🌐 /in/derekli-3628/

>_ Skills

- **Cryptography:** AES, RSA, SHA, SSL
- **Penetration testing:** Networks, wireless, SQL Injection
- **Languages:** Python, Java, C++, JavaScript, CSS, TLA+, Rodin
- **Software requirements, architecture, and design:** Developing specifications using modelling software
- **Database systems:** MongoDB, SQLite
- **Development:** Full-stack, object-oriented programming, microcontrollers, unit testing
- **Documentation:** Requirement documents, UML diagrams, sequence diagrams, user manual

🔧 Tools

- | | | | |
|-------------|-------------|-----------|------------------|
| • aircrack | • wireshark | • express | • Android Studio |
| • reaver | • NodeJS | • TLA+ | • Scipy |
| • nmap | • Angular | • eventb | • keras |
| • setoolkit | • django | • UML | |
| • sslstrip | • tweepy | | |

👛 Experience

Student Technology Assistant (Sept. 2015 - Present)

eServices, York University

Worked as a Wordpress developer, utilizing many tools (e.g. custom types, taxonomies, jQuery) to create views on web pages customizable for non-technical individuals.

- Assisted Faculty of Liberal Arts and Professional Studies with a wide range of web projects
- Provided tech support for other employees
- Created user manuals
- Presented in progress report meetings

🎓 Education

York University, ON – Beng, Software Engineer

Sept. 2016 – Present

Expected Graduation: April 2019