Fengwei Zhang

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PROFILE

- Two years of practical experience in web development using HTML5/CSS3/JavaScript.
- Strong interpersonal skills.
- Detail oriented, fast-paced and organized.
- Startup enthusiastic with real world Startup experience.

TECHNICAL SKILLS

- Design, implementation and optimization of a relational databases.
- Strong understanding and practical experience with NodeJS and Express.js.
- Basic design knowledge in typography, layout, and colour theory.
- Object Orient Programming skills in Java, Swift, and Python.
- Beginner in C++, PHP.
- Beginner in iOS development and watchOS development.
- Actively support open source community.

EDUCATION

University of Ottawa   Ottawa, ON, Canada

Baccalaureate in Applied Science, Software Engineering(Co-op).   2014.09-Present

Independent Courses

- Up and Running with Arduino (Lynda.com, 100%)
- Essentials of Cryptography and Network Security (Lynda.com, 100%)
- Raising Startup Capital (Lynda.com, 100%)

PROFESSIONAL EXPERIENCE

Nokia Canada (formerly Alcatel-Lucent Canada)   Ottawa, ON, Canada

Malware Research Assistant (Co-op Internship)   2016.05 – 2016.08

- Monitored and interacted with malware samples to obtain the malicious conversation on Android Phones, Windows PCs, iOS devices and Mac computers.

- Applied TCP/IP and other networking knowledge extensively when analyzing malware traffic in Wireshark.
- Created, optimized, accepted and rejected over 400 Snort-based intrusion detection signatures.
- Participated in the weekly call, the biweekly staff meeting and various malware research and signature production discussions.
- Prepared malware analysis reports based on requests from customers.

University of Ottawa   Ottawa, ON, Canada

IT Solutions - Web, Web developer (Co-op Internship)   2015.05 – 2015.08

- Migrated, updated and created nearly 200 pages of web content for University of Ottawa's faculties and departments in HTML5.
- Improved website's usability and accessibility using Drupal Content Management Framework.
- Tracked, updated and communicated using BaseCamp, JIRA and HipChat.
- Wrote documentations on how to use Drupal for University of Ottawa's employees.
- Exposed to Agile development methods.

University of Ottawa   Ottawa, ON, Canada

IT Solutions - Web, General Support Student (Part-time)   2015.09 - 2016.04

- Migrated over 50 pages of web content in HTML with Undergrad Registration Office.
- Developed strong time management skills by arranging the time for work when studying.

PROJECT EXPERIENCE

Movie Recommender Application

Full-stack Developer   2016.03 – 2016.04

Worked on a Node.js web application that pulls movie information out from a PostgreSQL database. With content dynamically served using jQuery and Ajax with the integration of Bootstrap .

PaintCraft

Team Lead, Java Programmer   2015.10 – 2016.01

PaintCraft is an web-based education tool that convert drawings to an item in Minecraft using Minecraft Forge API. Worked in a team of five as the Java Programmer and Project Lead

Social Media Project

Front-end Developer, Designer   2015.04 – 2015.09

Worked on a Close-Friend Meetup application as a startup, built multiple of prototype iOS apps in Swift.