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## SKILLS

### Languages

Java, C, JavaScript, PHP, Python, Shell, Matlab

### Web Development

HTML5, CSS, JavaScript, jQuery, AJAX, Knockout.js

Apache, Node.js, Express.js, Drupal, MySQL

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## PROJECTS

### Personal Website

Where I blog about topics that interest me and a place to show case my work: <http://baopham.github.io>

### Github

Most of my projects are hosted on Github: <http://github.com/baopham>

Languages: Python, JavaScript, Shell, VimL, PHP, Ruby

Most recent projects:

- Find a drinking fountain in Vancouver: [vancouverfountains.herokuapp.com](http://vancouverfountains.herokuapp.com)
- Timer: [bpmtimer.herokuapp.com](http://bpmtimer.herokuapp.com)

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## POSITIONS

### Developer (Co-op), Appnovation Technologies

5/2013 - 8/2013

- Worked directly with the clients and participated in Scrum meetings and Sprint planning
- Performed Sprint demo
- Actively involved in the development and maintenance of both front-end and back-end code
- Exhibited strong Drupal development best practices
- Worked with the security team to ensure the security of the client's site
- Developed various custom Drupal modules, including a module to batch-create users and custom structures to help with the load testing
- Actively involved in 3 projects during a 4 month Co-op work term. One of the project teams was awarded the "Team of the Year" at Appnovation
- Worked extensively in PHP (Drupal), JavaScript, jQuery, AJAX, MySQL, CSS, HTML5

### **Web Developer (Co-op), The University of British Columbia**

5/2012 - 8/2012

- Learned PHP and Drupal from scratch
- Created a PHP web application to convert bibliography files to CSV
- Developed 2 custom modules for UBC Drupal website:
  - »Integrated with UBC's recording system to let user schedule a recording and upload to Youtube
  - »Implemented customizable features to Computer Science room booking system
- Contributed to Drupal community by developing a BibTeX plugin for Views Data-source module
- Provided patches for various Drupal modules, such as Organic Group, OG Access Roles, Node Access User Reference, OG Archive Groups

### **Bioinformatics (Co-op), Genome Sciences Centre**

9/2011 - 4/2012

- Key person to process the team QC's reports to online services for down stream research
- Developed Python modules for the team to parse report files to HTML and upload to Plone
- Collaborated closely with the team members to help produce and format accurate reports
- Coded shell scripts to extract data from the system
- Had the opportunity to work with the underlying distributed system consisting of multiple databases
- Displayed strong analytical skills by finishing work with minimal supervision and in a short period of time

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## **EDUCATION**

### **Bachelor of Science (B.Sc.), Math and Computer Science**

The University of British Columbia,

- Awarded President Entrance Scholarship for excellent performance in High School
- Dean's Honour Lists

### **Bachelor of Science (B.Sc.), Exchange Program**

National University of Singapore,

1/2013 - 4/2013

- Received NUS-UBC Lee Foundation Award
- We won 3rd place for an HCI Group Project on the improvement of the photocopy machine interface

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## RECOMMENDATIONS

**David Liao**, colleague

Bao is a very detailed-oriented developer with great work ethic. I thought the ramp-up process on the project was very quick and she understood the problem very quickly. She's very thorough with her work and a very dedicated developer. Really a great person to work with.

**Jonathan Whang**, colleague

Bao is very detail oriented and through. She completes her given tasks within the allotted time frame and is a very good communicator within her team. She already has a wealth of programming knowledge and is a very willing student when it comes to learning something new.

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## PERSONAL

**Languages** English, Vietnamese

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## INTERESTS

- What fascinates me: Math, Vim, ZSH, Ruby, JavaScript
- Where I like to hang out: Hacker News, Github