Lief Swanson
www.lief.info

About Me

I am an Information spounge, that likes to apply the knowledge I have absorbed to whatever I find interesting. My ultimate career goal is to make software which people truly enjoy using, because it makes their work/lives easier and more engaging.

Education

Simon Fraser University

Undergraduate   Burnaby, BC CAN
Double Major   BSc
CGPA = 3.27

Software Systems   2009 Sept - ongoing
Experience involves both the practice and theory behind Computer Science, with practical application in mind.

**Interactive Arts
And Technology**   2009 Sept - ongoing
Experience is fairly broad, but is focused on UI/UX design. Incorporating elements of audio and static / dynamic visual media.

**Cognitive Science
Lab Volunteer**   2016 Sept - ongoing
Assist in the theory, implementation, and analysis of experiments focused on human attention allocation and long term learning.

NSERC USRA Grant   2017 May - August
Worked on a tool to dynamically create custom keyboards layouts to minimize error in gesture typing on touch devices. Working toward publishing.

Work and Internship

British Columbia
Medical Association   Vancouver, BC CAN
Junior Support Specialist   2013 May - Sept

- Managed IT problems arising from the displacement of 30 workers during a 3-month renovation.

- Coordinated between internal and external groups to prevent issues from hindering anyone's work day.

- Designed step-by-step visual tutorials so users could solve common problems on their own.

Whittington IT   Brisbane, QLD AUS
IT Consultant   2012 Feb - Sept

- Maintained software and hardware at dozens of medical practices, each with unique needs.

- Quickly learned tools that the practices used, such as EMRs like Medical Director and Best Practice.

- Occasionally did design work, for clients and Whittington IT, such as logos or pamphlets.

Interim Company Head   2012 May - July

- Was left solely in charge of my boss' usual duties, and all of his clients while he was on medical leave.

- Had more personal interaction with the clients, who were accustomed to working only with my boss.

Skills

Ordered most to least comfortable

Strong Languages	Familiar Languages	Text editors & IDEs
Kotlin	Golang	Atom
Java	Haskell	Emacs
Python	JavaScript	Intellij
English	SQL	VScode
C/C++	HTML/XML	Sublime
C#	CSS (SCSS)	Eclipse

GUI apps	CLI apps	OSes
Photoshop	Fish	Arch Linux
Illustrator	Git	Ubuntu
InDesign	Bash	Windows
Inkscape	Make	Android
GIMP	npm	