

# DAVID FU

2A Software Engineer • ID 20516684

[dvdfu.me](http://dvdfu.me) • [github.com/dvdfu](https://github.com/dvdfu) • [linkedin.com/in/dvdfu](https://linkedin.com/in/dvdfu)

## PROJECTS and PROFICIENCIES

### Languages and Tools

- Frequent use of: Java, HTML, CSS, jQuery, C++, Git, Unix, Eclipse
- Partial use of: C, Jekyll, NodeJS, Socket.IO, Ruby, Rails, OpenGL/GLSL, RegEx, AngularJS, Android SDK, APIs, Python, Parse

### Wordasm | [wordasm.herokuapp.com](http://wordasm.herokuapp.com)

- Multi-player Facebook-enabled online word combination game
- Written at Hack the North, responsible for front end design, client-side Javascript, and general project/group management. Used jQuery and Socket.IO

*Sept 2014*

### Video Game Projects

- Video game projects spanning months of entirely independent work
- Combined Java and OOP knowledge, as well as learning the libGDX framework, Android SDK, and GWT to publish cross-platform to Android devices and HTML5

*Mar 2014  
– Present*

### Personal Website | [dvdfu.me](http://dvdfu.me)

- Minimalist and interactive design, created from scratch in under three days
- Use of: HTML, CSS, jQuery, Javascript, jekyll, Liquid, GitHub, Lightbox

*Sept 2014*

### FindMe Web Application

- Group-developed hack-athon webapp where users report lost items and owners can search for them based on description and location
- Built with AngularJS; uses Parse for databases and Google Maps API

*May 2014*

## Work and Volunteer EXPERIENCES

### Quality Control Analyst – i4i

- Sanity and regression tests over a variety of user environments
- Quality checks at client request, requiring immediate and quick turnaround
- Used intranet database tools to report or confirm software defects

*May 2014  
– Sept 2014*

### Digital Artist and Artwork Vendor

- Created and printed artwork to sell at major conventions in Canada and US
- Exemplary of creative/artistic ability, customer interaction, initiative

*May 2013  
– Aug 2014*

## Academic Qualifications

### University of Waterloo – Waterloo, ON

- Second-year candidate for Bachelor of Software Engineering
- Admitted with President's Scholarship

*Sept 2013  
– Present*

### Thornhill Secondary School – Thornhill, ON

- Received Ontario Secondary School diploma and every Honour Roll
- Enrolled in AP courses for grades 11-12 where applicable

*Sept 2009  
– June 2013*

## Activities and INTERESTS

### Eager to be Challenged

- Leisurely participates in programming/math competitions (DWITE, CCC)
- Currently working through Project Euler problems as a learning experience

### Artistic and Musical

- Drawing digitally for over five years as both a hobby and some freelance
- Passionate about playing music piano, guitar, violin, as well as composition