

# DAVID FU

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## PROFESSIONAL EXPERIENCE

### SOFTWARE DEVELOPER | UKEN GAMES

Sept – Dec 2015

- Used C# and Unity to build club and GUI features for Kings of Pool's beta launch
- Worked on C# adapter scripts to interface Unity with native mobile keyboards
- Wrote and merged 130 Unity and Rails pull requests over 15 weeks
- Used internal frameworks to locally record user activity for analytic purposes

### WEB DEVELOPER | KIK INTERACTIVE

Jan – Apr 2015

- Implemented client push notifications for Kik Points using web sockets
- Designed and implemented the user invite feature for Kik Points
- Automated UI testing using Selenium, WebDriver, and PhantomJS
- Added dashboard data visualization for Kik smiley sale and usage popularity
- Wrote server Python code to process user reports

### QUALITY CONTROL ANALYST | I4I, INC.

May – Aug 2014

- Performed smoke and regression tests across many client environments

## PROJECTS

### PERSONAL WEBSITE

Jan 2016

- Responsive, mobile-friendly static website built using Node, webpack and SASS
- Data stored entirely in JSON and rendered using React components

### ACRODOG | LUDUM DARE 34

Dec 2015

- Created a desktop game in 2 days using Lua that placed 5<sup>th</sup> among 1232 entries
- Received 1,200+ downloads along with notable media and YouTube coverage

### CARDBOARD TRANSLATE | HACK THE NORTH

Sept 2015

- Cardboard AR experience that translate text in real-time using Google Translate
- Used Tesseract OCR to process images of foreign written text

### KEYTAR | ENGHACK

June 2015

- Chrome extension that uses a physical guitar to type on a virtual keyboard
- 2<sup>nd</sup> place winner at EngHack, Spring 2015 term

### MATCH 3 | KIK HACKATHON

Feb 2015

- Developed an online game where players compete to quickly match patterns
- Used Socket.IO for live game communication and Kik API for authentication
- 1<sup>st</sup> place winner at the 2015 Kik Hackathon

## LANGUAGES

JavaScript  
C#  
Java  
C, C++  
Lua  
HTML, CSS  
Ruby  
Python

## TOOLS & FRAMEWORKS

Node.js, npm  
React  
SASS  
Socket.IO  
Rails  
jQuery  
Unity 3D  
Love2D  
libGDX, Box2D  
Git, GitHub  
Bash

## INTERESTS

Hackathons  
Indie game dev  
Digital illustration  
Piano, guitar  
Composing music